

Converting Colors

XYZ(75.9587, 79.8625, 72.0787)

Have a look what the booklet for
XYZ(75.9587, 79.8625, 72.0787)
contains.

XYZ(75.8649, 79.7720, 72.3718)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.8649, 79.7720,
72.3718)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E6D2
RGB	240, 230, 210
RGB Percent	94%, 90%, 82%
CMY	0.0588, 0.0980, 0.1765
CMYK	0.00, 0.04, 0.12, 0.06
HSL	40°, 50%, 88%
HSV	40°, 12%, 94%
XYZ	75.8649, 79.7720, 72.3718
YIQ	230.7100, 12.3800, -4.1000

Conversions

Conversions Part 2

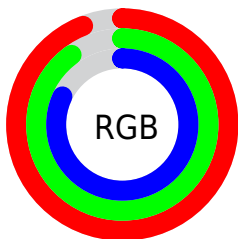
Format	Color
R _Y B	225, 240, 210
Decimal	15787730
CIE Lab	91.58, 0.09, 10.95
CIE LCh	92, 10.945, 89.530
Yxy	79.7720, 0.3327, 0.3499
Android (android.graphics.Color)	4293977810 (0xFFFF0E6D2)
YUV	230.7100, -10.2100, 8.1473
Hunter-Lab	89.3152, -4.6825, 14.4781

Details

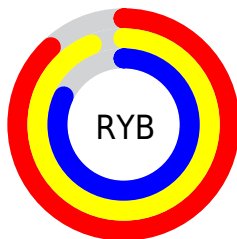
The XYZ color **75.8649, 79.7720, 72.3718** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **67.8997, 71.1782, 92.5991**, and the grayscale version is **75.8089, 79.7569, 86.8553**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0979, 43.2506, 37.6346** is the 20% darker color. If you saturate the color by 10%, you get **70.9224, 74.3181, 57.0621**, and if you desaturate by 10%, it is **81.3623, 85.6165, 90.0807**.

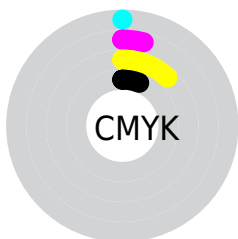
Distribution



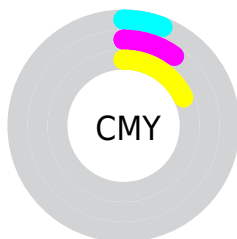
- Red (94%)
- Green (90%)
- Blue (82%)



- Red (88%)
- Yellow (94%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.8649, 79.7720, 72.3718 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.8649, 79.7720, 72.3718 by changing the saturation by 10% instead.

75.8649, 79.7720,
72.3718

75.8649, 79.7720,
72.3718

469.8366,
494.1641, 487.8469

56.6184, 59.5308,
52.9738

126.5173,
133.0451, 124.2976

40.9379, 43.0405,
37.3942

158.6539,
166.8458, 157.6625

28.4580, 29.9169,
25.2147

195.8179,
205.9351, 196.5200

18.8134, 19.7755,
16.0166

238.3747,
250.6973, 241.2888

11.6387, 12.2320,
9.3814

286.6896,
301.5170, 292.3873

6.5686, 6.9019,
4.8906

341.1280,

3.2377, 3.4008,

358.7784, 350.2342

2.1256

402.0552,
422.8660, 415.2479

■ 1.2807, 1.3444,
0.6309

■ 0.1687, 0.1752,
0.0000

■ 75.8649, 79.7720,
72.3718

■ 75.8649, 79.7720,
72.3718

■ 70.9224, 74.3181,
57.0621

■ 81.3623, 85.6165,
90.0807

■ 66.5071, 69.2337,
44.0413

■ 86.9410, 91.6563,
107.7169

■ 62.5983, 64.5108,
33.1978

■ 89.4259, 96.6262,
108.5452

■ 59.1714, 60.1375,
24.4090

■ 89.7456, 97.2655,
108.6518

■ 56.1995, 56.1005,
17.5396

■ 53.6523, 52.3855,
12.4380

■ 51.4953, 48.9762,
8.9298

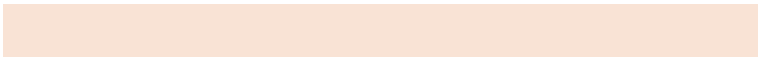
■ 49.6870, 45.8536,
6.8041

■ 48.5125, 43.6794,
5.8741

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5761, 79.7720, 74.2679



75.8649, 79.7720, 72.3718



73.2053, 79.7720, 74.1545

Triad

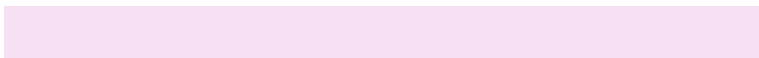
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8649, 79.7720, 72.3718



71.2447, 79.7720, 94.6595



80.5432, 79.7720, 94.8908

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75.8649, 79.7720, 72.3718



67.8997, 71.1782, 92.5991

Split Complementary

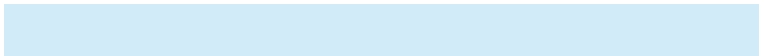
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.4981, 79.7720, 100.9356



75.8649, 79.7720, 72.3718



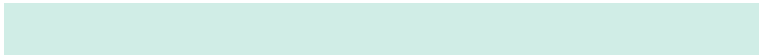
73.1309, 79.7720, 100.7964

Square

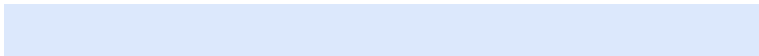
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



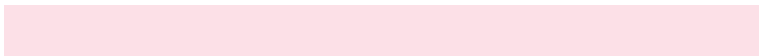
75.8649, 79.7720, 72.3718



70.5778, 79.7720, 86.7322



75.7769, 79.7720, 103.1591



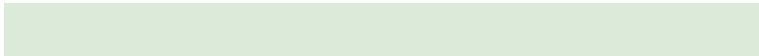
81.3174, 79.7720, 86.9842

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.8649, 79.7720, 72.3718



71.8094, 79.7720, 77.2556



75.7769, 79.7720, 103.1591



79.9791, 79.7720, 97.2251

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.8671, 79.7755, 72.3735



92.3763, 97.2111, 100.1211



71.9011, 69.7869, 77.3919



19.6672, 20.6967, 21.0877



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8671, 79.7755, 72.3735



85.5601, 89.9132, 78.3208



77.0549, 84.6365, 73.2492



16.6534, 17.5200, 16.6537



26.6835, 24.1651, 3.2580



2.3108, 2.1923, 0.3014

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



67.8997, 71.1782, 92.5991



74.7473, 78.2461, 105.7711



66.8002, 66.8327, 91.8183



15.3275, 16.0892, 20.0193



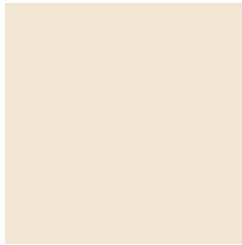
10.2879, 6.8000, 45.8982



0.9440, 0.7419, 3.8477

Previews

White Background



This preview shows how the XYZ color 75.8649, 79.7720, 72.3718 looks on a white background.

Color Contrast Check

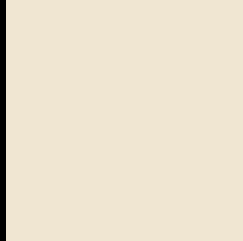
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.8649, 79.7720, 72.3718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

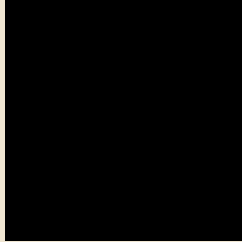
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

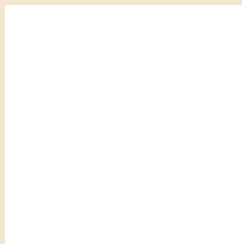
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.8649, 79.7720, 72.3718

Background



This preview shows how black text looks on a background with the XYZ color 75.8649, 79.7720, 72.3718.



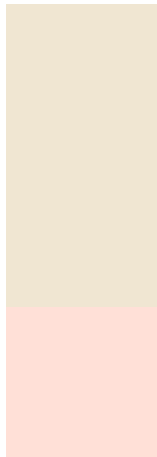
This preview shows how white text looks on a background with the XYZ color 75.8649, 79.7720,

72.3718.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.8649, 79.7720, 72.3718

Protanopia

75.8649, 79.7720, 72.3718

Deuteranopia

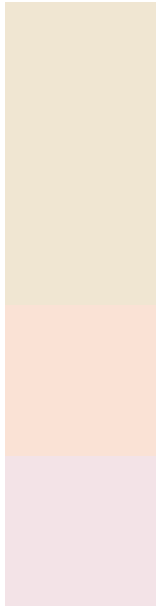
80.1614, 79.4776, 75.4057



Tritanopia

80.7591, 79.7340, 95.9278

Trichromacy



Original Color

75.8649, 79.7720, 72.3718

Protanomaly

75.8649, 79.7720, 72.3718

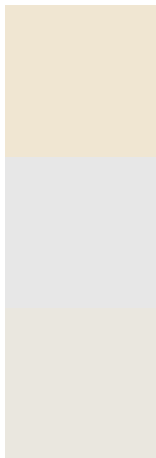
Deuteranomaly

78.6309, 79.5208, 74.1555

Tritanomaly

78.8550, 79.7624, 86.8409

Monochromacy



Original Color

75.8649, 79.7720, 72.3718

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.8269, 79.9720, 81.2517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8649, 79.7720, 72.3718 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(240, 230, 210) looks like.

```
.text, #text, p{  
    color:rgb(240, 230, 210)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(240, 230, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 230, 210) }
```

Border

The CSS property to change the border of an element to XYZ 75.8649, 79.7720, 72.3718 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 230, 210) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(240, 230, 210) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(240, 230, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 230, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 230, 210);  
box-shadow:4px 4px 4px 4px rgb(240, 230,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8649, 79.7720, 72.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 230, 210) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(240,  
230, 210) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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