

Converting Colors

XYZ(72.7420, 78.4449, 59.4516)

Have a look what the booklet for
XYZ(72.7420, 78.4449, 59.4516)
contains.

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Color

**XYZ(72.7420, 78.4449,
59.4516)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE6BD
RGB	238, 230, 189
RGB Percent	93%, 90%, 74%
CMY	0.0667, 0.0980, 0.2588
CMYK	0.00, 0.03, 0.21, 0.07
HSL	50°, 59%, 84%
HSV	50°, 21%, 93%
XYZ	72.7420, 78.4449, 59.4516
YIQ	227.7180, 17.9290, -11.0550

Conversions

Conversions Part 2

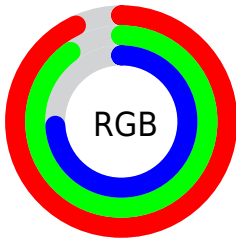
Format	Color
R _Y B	199, 238, 189
Decimal	15656637
CIE Lab	90.98, -3.78, 20.99
CIE LCh	91, 21.323, 100.205
Yxy	78.4449, 0.3453, 0.3724
Android (android.graphics.Color)	4293846717 (0xFFEEE6BD)
YUV	227.7180, -19.0880, 9.0173
Hunter-Lab	88.5691, -8.3936, 22.2003

Details

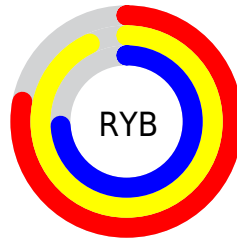
The XYZ color **72.7420, 78.4449, 59.4516** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.3849, 56.9230, 88.9047**, and the grayscale version is **73.6643, 77.5006, 84.3982**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **39.0653, 42.3826, 29.4142** is the 20% darker color. If you saturate the color by 10%, you get **69.2998, 75.3607, 46.5873**, and if you desaturate by 10%, it is **76.6364, 81.7538, 74.5600**.

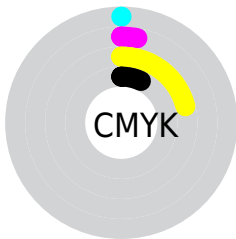
Distribution



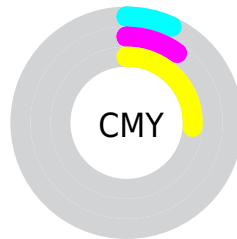
- Red (93%)
- Green (90%)
- Blue (74%)



- Red (78%)
- Yellow (93%)
- Blue (74%)



- Cyan (0%)
- Magenta (3%)
- Yellow (21%)
- Black (7%)





- Cyan (7%)
- Magenta (10%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7420, 78.4449, 59.4516 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 72.7420, 78.4449, 59.4516 by changing the saturation by 10% instead.


 72.7420, 78.4449,
59.4516

 72.7420, 78.4449,
59.4516


459.2378,
489.6764, 440.3218

 54.0527, 58.4395,
42.5544


 122.1160,
131.1771, 105.5693

 38.8746, 42.1621,
29.2068


153.5313,
164.6727, 135.6268

 26.8425, 29.2282,
18.9904


189.9194,
203.4339, 170.9082

 17.5909, 19.2535,
11.4866

231.6455,
247.8449, 211.8320

 10.7546, 11.8536,
6.2769

279.0751,
298.2903, 258.8167

 5.9681, 6.6441,
2.9427

332.5734,

 2.8662, 3.2405,

355.1545, 312.2809

1.0654

392.5058,
418.8217, 372.6431

■ 1.0834, 1.2586,
0.0000

■ 0.0112, 0.1088,
0.0000

■ 72.7420, 78.4449,
59.4516

■ 72.7420, 78.4449,
59.4516

■ 69.2998, 75.3607,
46.5873

■ 76.6364, 81.7538,
74.5600

■ 66.2827, 72.4823,
35.8534

■ 80.9963, 85.2850,
92.0090

■ 63.6704, 69.8037,
27.1334

■ 84.9597, 88.6966,
107.2500

■ 61.4381, 67.3149,
20.2980

■ 86.1257, 91.0284,
107.6387

■ 59.5582, 65.0046,
15.2027

■ 87.3163, 93.4096,
108.0355

■ 57.9991, 62.8599,
11.6820

■ 88.5317, 95.8405,
108.4407

■ 56.7231, 60.8654,
9.5381

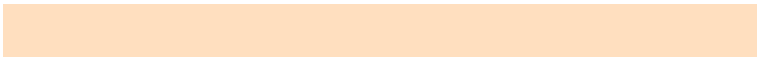
■ 89.0701, 96.9172,
108.6201

■ 55.7224, 59.1018,
8.4709

Harmonies

Analogous

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



78.1173, 78.4449, 60.4639



72.7420, 78.4449, 59.4516



68.0802, 78.4449, 64.7290

Triad

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



72.7420, 78.4449, 59.4516



66.9360, 78.4449, 105.9968



84.7208, 78.4449, 95.8422

Complementary

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



72.7420, 78.4449, 59.4516



56.3849, 56.9230, 88.9047

Split Complementary

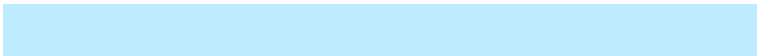
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.4374, 78.4449, 110.0920



72.7420, 78.4449, 59.4516



71.1115, 78.4449, 116.4254

Square

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



72.7420, 78.4449, 59.4516



64.8365, 78.4449, 90.7695



76.4071, 78.4449, 118.0081



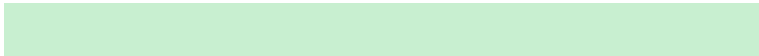
85.2090, 78.4449, 80.2718

Rectangle

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



72.7420, 78.4449, 59.4516



65.9392, 78.4449, 71.5239



76.4071, 78.4449, 118.0081



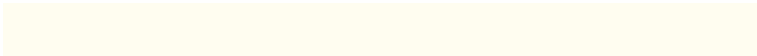
83.9001, 78.4449, 100.9933

Sweetspot

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



72.7441, 78.4484, 59.4533



91.8924, 97.4710, 96.1752



63.5554, 58.6122, 60.8881



19.5978, 20.8052, 20.3021



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.



72.7441, 78.4484, 59.4533



83.2026, 90.0949, 62.4394



69.7827, 80.3007, 59.9669



16.8906, 17.9942, 16.7327



31.1684, 33.1349, 4.7529



2.6509, 2.8724, 0.4147

Inverse Universe

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



56.3849, 56.9230, 88.9047



60.6376, 60.4064, 103.0714



58.9000, 55.5959, 88.5160



15.1056, 15.6453, 19.9453



9.0730, 4.3702, 45.4932



0.8156, 0.4852, 3.8049

Previews

White Background



This preview shows how the XYZ color 72.7420, 78.4449, 59.4516 looks on a white background.

Color Contrast Check

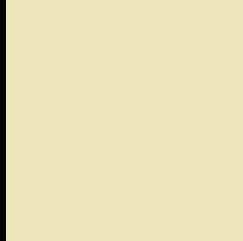
Large Text (above 18pt) WCAG AA × Fail

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 72.7420, 78.4449, 59.4516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

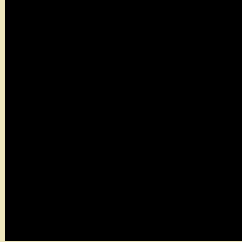
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7420, 78.4449, 59.4516

Background



This preview shows how black text looks on a background with the XYZ color 72.7420, 78.4449, 59.4516.



This preview shows how white text looks on a background with the XYZ color 72.7420, 78.4449,

59.4516.

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

72.7420, 78.4449, 59.4516

Protanopia

73.7144, 78.5467, 58.8528

Deuteranopia

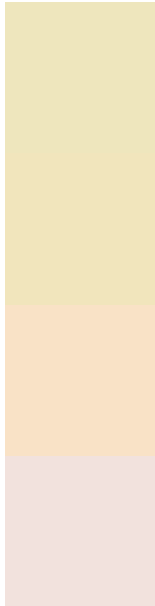
78.4072, 78.3471, 67.4899



Tritanopia

79.7720, 78.4791, 93.3816

Trichromacy



Original Color

72.7420, 78.4449, 59.4516

Protanomaly

73.3720, 78.3702, 58.8368

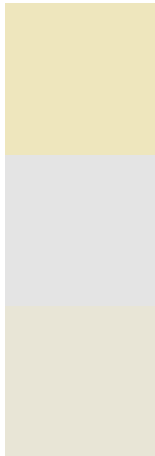
Deuteranomaly

76.4563, 78.6097, 64.5696

Tritanomaly

76.8655, 78.4904, 79.5055

Monochromacy



Original Color

72.7420, 78.4449, 59.4516

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.4356, 78.0495, 74.8129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7420, 78.4449, 59.4516 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(238, 230, 189)` looks like.

```
.text, #text, p{  
    color:rgb(238, 230, 189)  
}
```

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(238, 230, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 230, 189) }
```

Border

The CSS property to change the border of an element to XYZ 72.7420, 78.4449, 59.4516 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(238, 230, 189) }
```


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

```
.border{ border-color:rgb(238, 230, 189) }
```

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

Here you see how a box with a 4 pixel rgb(238, 230, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 230, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 230, 189);  
box-shadow:4px 4px 4px 4px rgb(238, 230,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7420, 78.4449, 59.4516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 230, 189) }
```

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

```
.background{ background-color: rgb(238,  
230, 189) }
```

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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