

Converting Colors

XYZ(75.0842, 80.5986, 71.3136)

Have a look what the booklet for
XYZ(75.0842, 80.5986, 71.3136)
contains.

XYZ(75.1162, 80.6648, 71.2853)	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(75.1162, 80.6648,
71.2853)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE9D0
RGB	236, 233, 208
RGB Percent	93%, 91%, 82%
CMY	0.0745, 0.0863, 0.1843
CMYK	0.00, 0.01, 0.12, 0.07
HSL	54°, 42%, 87%
HSV	54°, 12%, 93%
XYZ	75.1162, 80.6648, 71.2853
YIQ	231.0470, 9.8130, -7.1390

Conversions

Conversions Part 2

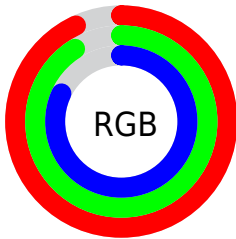
Format	Color
R _Y B	211, 236, 208
Decimal	15526352
CIE Lab	91.98, -3.16, 12.51
CIE LCh	92, 12.906, 104.194
Yxy	80.6648, 0.3308, 0.3552
Android (android.graphics.Color)	4293716432 (0xFFECE9D0)
YUV	231.0470, -11.3622, 4.3438
Hunter-Lab	89.8136, -7.8841, 15.8109

Details

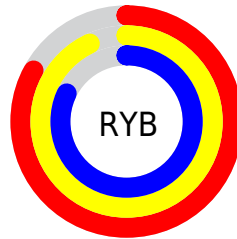
The XYZ color **75.1162, 80.6648, 71.2853** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **64.4469, 66.0534, 88.7106**, and the grayscale version is **76.0693, 80.0308, 87.1536**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3773, 43.4807, 36.8363** is the 20% darker color. If you saturate the color by 10%, you get **71.7173, 78.1725, 56.8774**, and if you desaturate by 10%, it is **78.9619, 83.3575, 87.9756**.

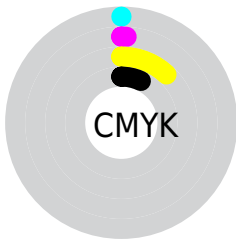
Distribution



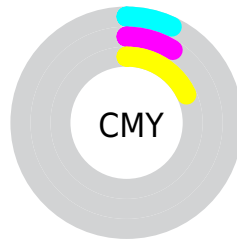
- Red (93%)
- Green (91%)
- Blue (82%)



- Red (83%)
- Yellow (93%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (7%)



- Cyan (7%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1162, 80.6648, 71.2853 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 75.1162, 80.6648, 71.2853 by changing the saturation by 10% instead.

75.1162, 80.6648,
71.2853

75.1162, 80.6648,
71.2853

467.3079,
497.1704, 483.9607

56.0026, 60.2656,
52.0918

125.4639,
134.3000, 122.7381

40.4420, 43.6327,
36.6955

157.4286,
168.3048, 155.8345

28.0691, 30.3819,
24.6779

194.4078,
207.6135, 194.4023

18.5185, 20.1286,
15.6204

236.7669,
252.6106, 238.8600

11.4248, 12.4886,
9.1045

284.8710,
303.6804, 289.6261

6.4227, 7.0773,
4.7117

339.0857,

3.1469, 3.5105,

361.2074, 347.1192

2.0233

399.7762,
425.5760, 411.7579

■ 1.2319, 1.4037,
0.5696

■ 0.1313, 0.2195,
0.0000

■ 75.1162, 80.6648,
71.2853

■ 75.1162, 80.6648,
71.2853

■ 71.7173, 78.1725,
56.8774

■ 78.9619, 83.3575,
87.9756

■ 68.7394, 75.8622,
44.6464


■ 83.2330, 86.2342,
106.8658


■ 66.1644, 73.7293,
34.4867


■ 83.9735, 87.7151,
107.1126

■ 63.9700, 71.7647,
26.2813


■ 84.7243, 89.2167,
107.3628


 62.1317, 69.9588,
19.9018


 85.4855, 90.7391,
107.6166


 60.6223, 68.3004,
15.2046


 86.2571, 92.2824,
107.8738


 59.4103, 66.7769,
12.0244

 87.0392, 93.8466,
108.1345

 58.4579, 65.3731,
10.1623

 87.8318, 95.4318,
108.3987

 57.8258, 64.2998,
9.3634

 88.4024, 96.5731,
108.5889

Harmonies

Analogous

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



78.4199, 80.6648, 71.4011



75.1162, 80.6648, 71.2853



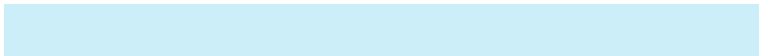
72.3089, 80.6648, 75.3739

Triad

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



75.1162, 80.6648, 71.2853



72.1869, 80.6648, 101.1885



82.9715, 80.6648, 92.9002

Complementary

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



75.1162, 80.6648, 71.2853



64.4469, 66.0534, 88.7106

Split Complementary

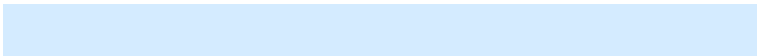
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2020, 80.6648, 101.5885



75.1162, 80.6648, 71.2853



74.9453, 80.6648, 106.6040

Square

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



75.1162, 80.6648, 71.2853



70.6509, 80.6648, 92.3857



78.2440, 80.6648, 106.7555



83.0205, 80.6648, 83.4271

Rectangle

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



75.1162, 80.6648, 71.2853



71.0697, 80.6648, 80.1160



78.2440, 80.6648, 106.7555



82.5559, 80.6648, 96.0244

Sweetspot

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



75.1184, 80.6683, 71.2870



93.1038, 98.6661, 100.3636



68.9403, 67.6623, 71.2311



19.8518, 21.0658, 21.1492



0.0000, 0.0000, 0.0000



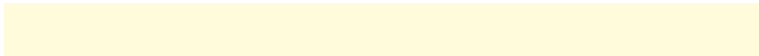
20.3446, 21.4041, 23.3091

Same Dimension

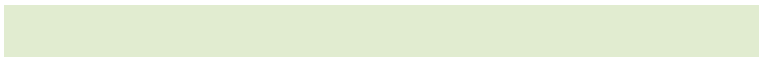
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1184, 80.6683, 71.2870



88.6195, 95.4978, 80.9873



72.5161, 80.5963, 71.4103



16.2063, 17.3356, 16.0107



31.9322, 35.5586, 5.1805



2.5469, 2.8712, 0.4200

Inverse Universe

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



64.4469, 66.0534, 88.7106



73.7733, 75.1656, 105.2279



66.8305, 66.1878, 88.6109



14.3609, 14.8082, 19.0236



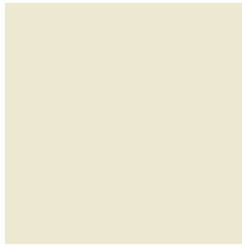
8.5848, 3.8165, 44.0272



0.7175, 0.3865, 3.4717

Previews

White Background



This preview shows how the XYZ color 75.1162, 80.6648, 71.2853 looks on a white background.

Color Contrast Check

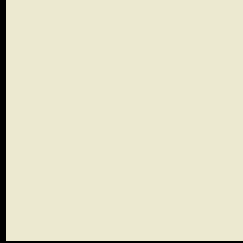
Large Text (above 18pt) WCAG AA × Fail

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 75.1162, 80.6648, 71.2853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

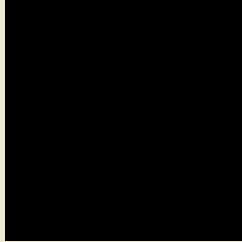
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

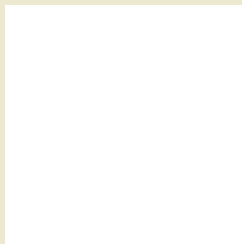
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1162, 80.6648, 71.2853

Background



This preview shows how black text looks on a background with the XYZ color 75.1162, 80.6648, 71.2853.



This preview shows how white text looks on a background with the XYZ color 75.1162, 80.6648,

71.2853.

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

75.1162, 80.6648, 71.2853

Protanopia

76.4563, 80.5341, 70.5464

Deuteranopia

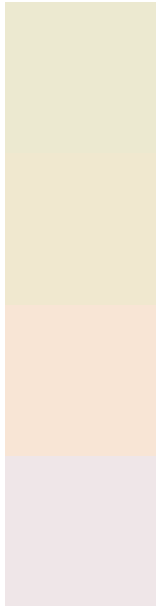
80.8310, 80.6106, 76.2649



Tritanopia

80.5005, 80.7801, 97.7355

Trichromacy



Original Color

75.1162, 80.6648, 71.2853

Protanomaly

76.0543, 80.7435, 70.6080

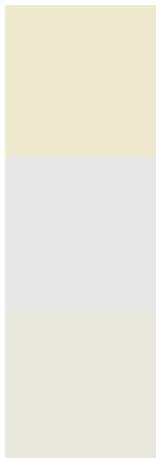
Deuteranomaly

78.7410, 80.7992, 74.3965

Tritanomaly

78.4589, 80.7705, 87.7990

Monochromacy



Original Color

75.1162, 80.6648, 71.2853

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.7802, 80.3646, 81.3299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1162, 80.6648, 71.2853 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(236, 233, 208)` looks like.

```
.text, #text, p{  
    color:rgb(236, 233, 208)  
}
```

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(236, 233, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 233, 208) }
```

Border

The CSS property to change the border of an element to XYZ 75.1162, 80.6648, 71.2853 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(236, 233, 208) }
```


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

```
.border{ border-color:rgb(236, 233, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 233, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 233, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 233, 208); box-shadow:4px 4px 4px 4px rgb(236, 233, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1162, 80.6648, 71.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 233, 208) }
```

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

```
.background{ background-color: rgb(236,  
233, 208) }
```

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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