

Converting Colors

XYZ(65.6186, 70.8102, 58.0670)

Have a look what the booklet for
XYZ(65.6186, 70.8102, 58.0670)
contains.

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Color

**XYZ(65.4108, 70.6645,
57.7691)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DCBC
RGB	224, 220, 188
RGB Percent	88%, 86%, 74%
CMY	0.1216, 0.1372, 0.2627
CMYK	0.00, 0.02, 0.16, 0.12
HSL	53°, 37%, 81%
HSV	53°, 16%, 88%
XYZ	65.4108, 70.6645, 57.7691
YIQ	217.5480, 12.6560, -9.1040

Conversions

Conversions Part 2

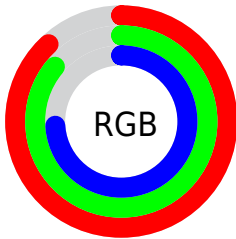
Format	Color
R _Y B	193, 224, 188
Decimal	14736572
CIE Lab	87.32, -3.91, 16.23
CIE LCh	87, 16.695, 103.546
Yxy	70.6645, 0.3374, 0.3645
Android (android.graphics.Color)	4292926652 (0xFFE0DCBC)
YUV	217.5480, -14.5672, 5.6584
Hunter-Lab	84.0622, -8.2137, 18.0983

Details

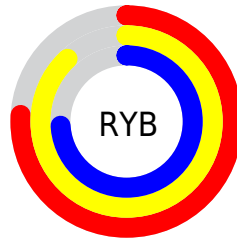
The XYZ color **65.4108, 70.6645, 57.7691** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.0432, 53.7716, 78.1049**, and the grayscale version is **66.4219, 69.8810, 76.1004**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **34.1905, 37.0946, 28.2796** is the 20% darker color. If you saturate the color by 10%, you get **62.5341, 68.4799, 45.8072**, and if you desaturate by 10%, it is **68.6758, 73.0247, 71.7112**.

Distribution



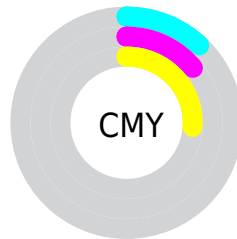
- Red (88%)
- Green (86%)
- Blue (74%)



- Red (76%)
- Yellow (88%)
- Blue (74%)



- Cyan (0%)
- Magenta (2%)
- Yellow (16%)
- Black (12%)



- Cyan (12%)
- Magenta (14%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4108, 70.6645, 57.7691 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 65.4108, 70.6645, 57.7691 by changing the saturation by 10% instead.

■ 65.4108, 70.6645,
57.7691

■ 65.4108, 70.6645,
57.7691

433.7887,
462.8798, 433.8992

■ 48.0602, 52.0685,
41.2096

■ 111.7027,
120.1559, 103.0980

■ 34.0860, 37.0596,
28.1619

141.3747,
151.8200, 132.7044

■ 23.1229, 25.2537,
18.2077

175.8845,
188.6090, 167.4969

■ 14.8055, 16.2661,
10.9282

215.5975,
230.9071, 207.8940

■ 8.7684, 9.7127,
5.9050

260.8791,
279.0989, 254.3143

■ 4.6463, 5.2089,
2.7196

312.0946,

■ 2.0739, 2.3703,

333.5686, 307.1762

0.9532

369.6093,
394.7008, 366.8983

■ 0.6750, 0.8106,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.4108, 70.6645,
57.7691

■ 65.4108, 70.6645,
57.7691

■ 62.5341, 68.4799,
45.8072

■ 68.6758, 73.0247,
71.7112

■ 60.0229, 66.4545,
35.7302

■ 72.3396, 75.5577,
87.7140

■ 57.8603, 64.5840,
27.4418

■ 76.3869, 78.2597,
105.6874

■ 56.0260, 62.8602,
20.8353

■ 77.0736, 79.6332,
105.9163

■ 54.4977, 61.2740,
15.7925

■ 77.7703, 81.0265,
106.1485

■ 53.2498, 59.8152,
12.1801

■ 78.4768, 82.4396,
106.3840

■ 52.2529, 58.4718,
9.8424

■ 79.1933, 83.8725,
106.6228

■ 51.4702, 57.2293,
8.5863

■ 79.9198, 85.3255,
106.8650

■ 51.1963, 56.7586,
8.2572

■ 80.6563, 86.7985,
107.1105

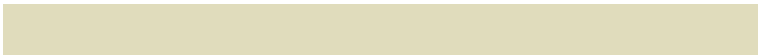
Harmonies

Analogous

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



69.3267, 70.6645, 58.0041



65.4108, 70.6645, 57.7691



62.0940, 70.6645, 62.3031

Triad

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



65.4108, 70.6645, 57.7691



61.8371, 70.6645, 92.8277



74.6720, 70.6645, 83.2330

Complementary

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



65.4108, 70.6645, 57.7691



53.0432, 53.7716, 78.1049

Split Complementary

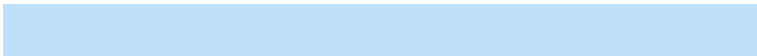
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.5038, 70.6645, 93.7103



65.4108, 70.6645, 57.7691



65.0477, 70.6645, 99.6084

Square

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



65.4108, 70.6645, 57.7691



60.0856, 70.6645, 82.1204



68.9492, 70.6645, 99.9463



74.7786, 70.6645, 71.9852

Rectangle

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



65.4108, 70.6645, 57.7691



60.6265, 70.6645, 67.7016



68.9492, 70.6645, 99.9463



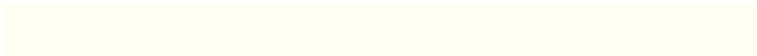
74.1564, 70.6645, 86.9863

Sweetspot

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



65.4127, 70.6676, 57.7706



92.6148, 98.3063, 98.2951



58.2612, 55.6294, 57.6533



19.7525, 20.9917, 20.7323



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.



65.4127, 70.6676, 57.7706



86.5160, 93.8800, 72.3042



62.3689, 70.6739, 57.9322



14.7351, 15.7561, 14.5714



29.8526, 33.1430, 4.8238



2.1068, 2.3724, 0.3469

Inverse Universe

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



53.0432, 53.7716, 78.1049



67.1819, 67.4713, 104.0901



55.7417, 53.8780, 77.9832



13.0739, 13.4869, 17.3019



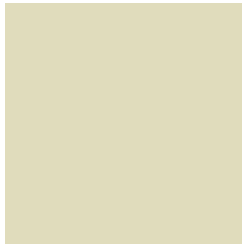
8.0734, 3.6164, 41.3209



0.6012, 0.3339, 2.8780

Previews

White Background



This preview shows how the XYZ color 65.4108, 70.6645, 57.7691 looks on a white background.

Color Contrast Check

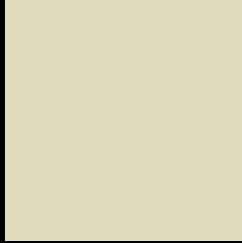
Large Text (above 18pt) WCAG AA × Fail

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 65.4108, 70.6645, 57.7691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

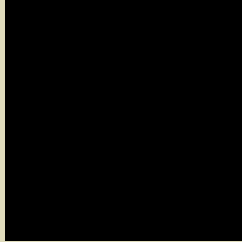
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

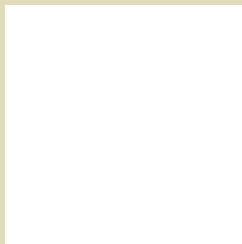
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4108, 70.6645, 57.7691

Background



This preview shows how black text looks on a background with the XYZ color 65.4108, 70.6645, 57.7691.



This preview shows how white text looks on a background with the XYZ color 65.4108, 70.6645,

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

65.4108, 70.6645, 57.7691

Protanopia

66.6742, 70.5537, 57.1178

Deuteranopia

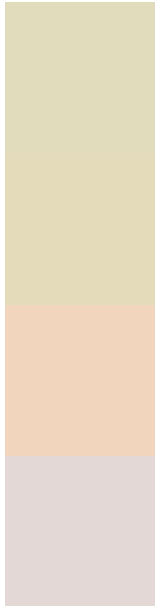
72.0129, 70.6302, 58.5527



Tritanopia

71.1035, 70.6857, 85.4974

Trichromacy



Original Color

65.4108, 70.6645, 57.7691

Protanomaly

66.2961, 70.7449, 57.1747

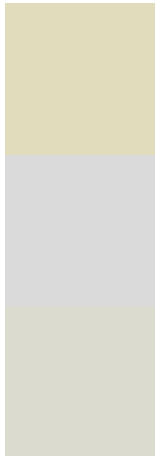
Deuteranomaly

69.5075, 70.4680, 58.0824

Tritanomaly

68.8165, 70.5120, 74.2731

Monochromacy



Original Color

65.4108, 70.6645, 57.7691

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.1092, 70.3837, 69.1326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4108, 70.6645, 57.7691 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(224, 220, 188)` looks like.

```
.text, #text, p{  
    color:rgb(224, 220, 188)  
}
```

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(224, 220, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 220, 188) }
```

Border

The CSS property to change the border of an element to XYZ 65.4108, 70.6645, 57.7691 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(224, 220, 188) }
```


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

```
.border{ border-color:rgb(224, 220, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 220, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 220, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 220, 188);  
box-shadow:4px 4px 4px 4px rgb(224, 220,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4108, 70.6645, 57.7691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 220, 188) }
```

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

```
.background{ background-color: rgb(224,  
220, 188) }
```

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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