

Converting Colors

XYZ(64.7359, 68.5980, 59.1405)

Have a look what the booklet for
XYZ(64.7359, 68.5980, 59.1405)
contains.

XYZ(64.7003, 68.7206, 59.1445)	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(64.7003, 68.7206,
59.1445)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D8BF
RGB	224, 216, 191
RGB Percent	88%, 85%, 75%
CMY	0.1216, 0.1529, 0.2510
CMYK	0.00, 0.04, 0.15, 0.12
HSL	45°, 35%, 81%
HSV	45°, 15%, 88%
XYZ	64.7003, 68.7206, 59.1445
YIQ	215.5420, 12.7930, -6.0790

Conversions

Conversions Part 2

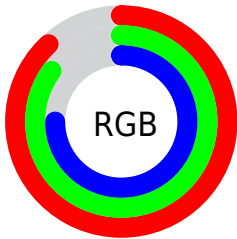
Format	Color
RYB	202, 224, 191
Decimal	14735551
CIELab	86.37, -1.39, 13.31
CIELCh	86, 13.379, 95.975
Yxy	68.7206, 0.3360, 0.3569
Android (android.graphics.Color)	4292925631 (0xFFE0D8BF)
YUV	215.5420, -12.0992, 7.4177
Hunter-Lab	82.8979, -5.7553, 15.7274

Details

The XYZ color **64.7003, 68.7206, 59.1445** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3636, 57.3039, 78.6644**, and the grayscale version is **65.0338, 68.4207, 74.5101**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **33.6945, 35.7597, 29.1712** is the 20% darker color. If you saturate the color by 10%, you get **61.0544, 65.0763, 46.6834**, and if you desaturate by 10%, it is **68.7729, 72.6137, 73.6096**.

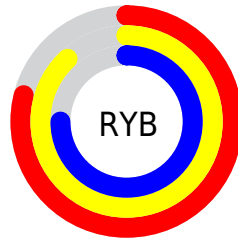
Distribution



Red (88%)

Green (85%)

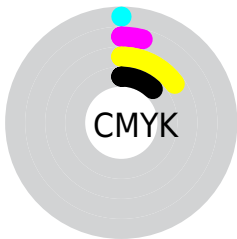
Blue (75%)



Red (79%)

Yellow (88%)

Blue (75%)

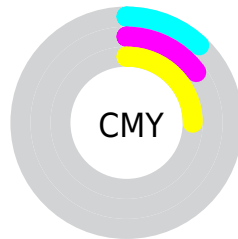


Cyan (0%)

Magenta (4%)

Yellow (15%)

Black (12%)



Cyan (12%)

Magenta (15%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.7003, 68.7206, 59.1445 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 64.7003, 68.7206, 59.1445 by changing the saturation by 10% instead.

■ 64.7003, 68.7206,
59.1445

■ 64.7003, 68.7206,
59.1445

431.2764,
456.0449, 439.1540

■ 47.4819, 50.4842,
42.3087

■ 110.6870,
117.3824, 105.1188

■ 33.6263, 35.7983,
29.0157

140.1860,
148.5766, 135.0944

■ 22.7682, 24.2784,
18.8470

174.5092,
184.8589, 170.2870

■ 14.5422, 15.5403,
11.3841

214.0220,
226.6136, 211.1152

■ 8.5829, 9.1995,
6.2084

259.0898,
274.2252, 257.9974

■ 4.5251, 4.8715,
2.9014

310.0779,

■ 2.0033, 2.1721,

328.0780, 311.3522

1.0445

367.3517,
388.5564, 371.5983

■ 0.6358, 0.7047,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.7003, 68.7206,
59.1445

■ 64.7003, 68.7206,
59.1445

■ 61.0544, 65.0763,
46.6834

■ 68.7729, 72.6137,
73.6096

■ 57.8122, 61.6639,
36.1317

■ 73.2831, 76.7537,
90.1585

■ 54.9566, 58.4783,
27.3939

■ 77.7283, 80.9425,
106.1345

■ 52.4672, 55.5106,
20.3645

■ 79.2822, 84.0504,
106.6525

■ 50.3215, 52.7509,
14.9271

■ 80.8838, 87.2536,
107.1863

■ 48.4941, 50.1884,
10.9503

■ 82.5334, 90.5527,
107.7362

■ 46.9557, 47.8107,
8.2822

■ 84.2314, 93.9488,
108.3022

■ 45.6704, 45.6026,
6.7366

■ 84.5507, 94.5874,
108.4086

■ 45.0645, 44.4950,
6.2132

Harmonies

Analogous

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



67.7660, 68.7206, 60.3336



64.7003, 68.7206, 59.1445



61.8882, 68.7206, 61.8813

Triad

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



64.7003, 68.7206, 59.1445



60.6253, 68.7206, 85.2731



70.8956, 68.7206, 81.9693

Complementary

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



64.7003, 68.7206, 59.1445



55.3636, 57.3039, 78.6644

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.



68.8698, 68.7206, 89.4586



64.7003, 68.7206, 59.1445



62.9275, 68.7206, 91.4688

Square

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



64.7003, 68.7206, 59.1445



59.5837, 68.7206, 76.6105



65.9373, 68.7206, 93.0577



71.4064, 68.7206, 73.0676

Rectangle

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



64.7003, 68.7206, 59.1445



60.5150, 68.7206, 65.7013



65.9373, 68.7206, 93.0577



70.3662, 68.7206, 84.7566

Sweetspot

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



64.7021, 68.7236, 59.1460



92.6676, 97.7937, 100.2182



59.7099, 57.2449, 62.0883



19.7411, 20.8444, 21.1123



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.



64.7021, 68.7236, 59.1460



85.0753, 90.4970, 73.3702



64.3054, 71.6344, 59.7287



14.5757, 15.4374, 14.5183



26.3245, 26.0869, 3.6478



1.8929, 1.9446, 0.2756

Inverse Universe

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



55.3636, 57.3039, 78.6644



70.0240, 72.0924, 104.8323



55.7058, 54.8207, 78.1670



13.2204, 13.7799, 17.3507



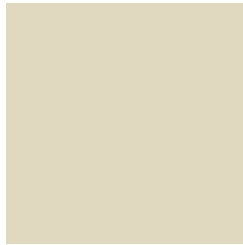
8.6820, 4.8336, 41.5238



0.6712, 0.4738, 2.9013

Previews

White Background



This preview shows how the XYZ color 64.7003, 68.7206, 59.1445 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 64.7003, 68.7206, 59.1445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

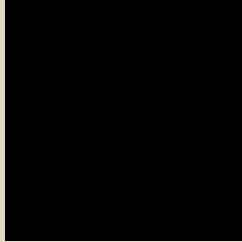
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.7003, 68.7206, 59.1445

Background



This preview shows how black text looks on a background with the XYZ color 64.7003, 68.7206, 59.1445.

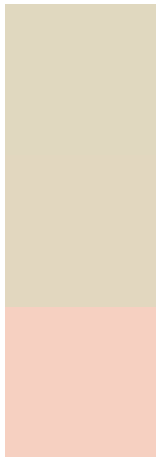


This preview shows how white text looks on a background with the XYZ color 64.7003, 68.7206,

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

64.7003, 68.7206, 59.1445

Protanopia

65.0684, 68.5312, 59.0886

Deuteranopia

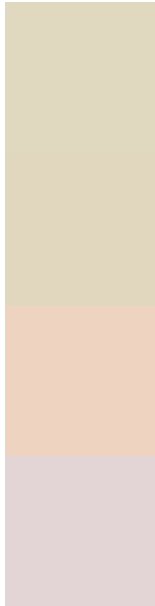
70.1876, 68.5548, 59.9852



Tritanopia

69.4725, 68.7926, 82.2897

Trichromacy



Original Color

64.7003, 68.7206, 59.1445

Protanomaly

64.7557, 68.3700, 59.0740

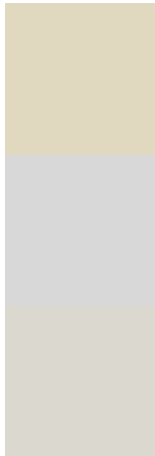
Deuteranomaly

68.0686, 68.5714, 59.5172

Tritanomaly

67.6104, 68.7744, 73.3297

Monochromacy



Original Color

64.7003, 68.7206, 59.1445

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.0318, 68.6768, 68.8599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7003, 68.7206, 59.1445 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, 216, 191) looks like.

```
.text, #text, p{  
    color:rgb(224, 216, 191)  
}
```

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, 216, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 216, 191) }
```

Border

The CSS property to change the border of an element to XYZ 64.7003, 68.7206, 59.1445 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, 216, 191) }
```


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

```
.border{ border-color:rgb(224, 216, 191) }
```

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

Here you see how a box with a 4 pixel rgb(224, 216, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 216, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 216, 191);  
box-shadow:4px 4px 4px 4px rgb(224, 216,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7003, 68.7206, 59.1445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 216, 191) }
```

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

```
.background{ background-color: rgb(224,  
216, 191) }
```

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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