

Converting Colors

XYZ(65.3604, 69.7142, 61.4243)

Have a look what the booklet for
XYZ(65.3604, 69.7142, 61.4243)
contains.

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Color

**XYZ(65.3532, 69.7709,
61.6524)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDAC3
RGB	223, 218, 195
RGB Percent	87%, 85%, 76%
CMY	0.1255, 0.1451, 0.2353
CMYK	0.00, 0.02, 0.13, 0.13
HSL	49°, 30%, 82%
HSV	49°, 13%, 87%
XYZ	65.3532, 69.7709, 61.6524
YIQ	216.8730, 10.3630, -6.0930

Conversions

Conversions Part 2

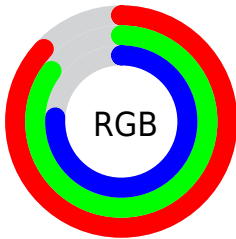
Format	Color
RYB	201, 223, 195
Decimal	14670531
CIELab	86.88, -2.15, 11.93
CIELCh	87, 12.120, 100.241
Yxy	69.7709, 0.3321, 0.3546
Android (android.graphics.Color)	4292860611 (0xFFFDAC3)
YUV	216.8730, -10.7834, 5.3734
Hunter-Lab	83.5290, -6.5170, 14.7086

Details

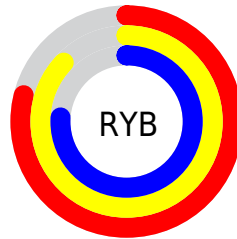
The XYZ color **65.3532, 69.7709, 61.6524** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4792, 58.2374, 78.0770**, and the grayscale version is **65.9345, 69.3682, 75.5420**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **34.0534, 36.4423, 30.4386** is the 20% darker color. If you saturate the color by 10%, you get **61.9990, 66.8003, 49.0100**, and if you desaturate by 10%, it is **69.1125, 72.9478, 76.2893**.

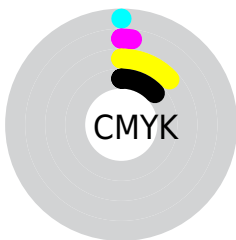
Distribution



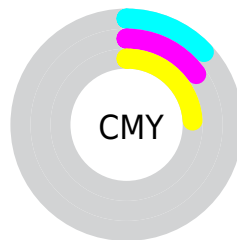
- Red (87%)
- Green (85%)
- Blue (76%)



- Red (79%)
- Yellow (87%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3532, 69.7709, 61.6524 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 65.3532, 69.7709, 61.6524 by changing the saturation by 10% instead.

■ 65.3532, 69.7709,
61.6524

■ 65.3532, 69.7709,
61.6524

433.5853,
459.7452, 448.6346

■ 48.0133, 51.3398,
44.3179

111.6204,
118.8820, 108.7897

■ 34.0487, 36.4791,
30.5815

141.2784,
150.3307, 139.4296

■ 23.0941, 24.8044,
20.0246

175.7731,
186.8875, 175.3417

■ 14.7841, 15.9314,
12.2287

215.4699,
228.9367, 216.9446

■ 8.7533, 9.4756,
6.7752

260.7342,
276.8626, 264.6568

■ 4.6364, 5.0527,
3.2456

311.9313,

■ 2.0681, 2.2782,

331.0498, 318.8969

1.2214

369.4265,
391.8825, 380.0833

■ 0.6718, 0.7621,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.3532, 69.7709,
61.6524

■ 65.3532, 69.7709,
61.6524

■ 61.9990, 66.8003,
49.0100

■ 69.1125, 72.9478,
76.2893

■ 59.0276, 64.0199,
38.2699

■ 73.2872, 76.3284,
92.9986

■ 56.4226, 61.4252,
29.3395

■ 76.7624, 79.4694,
105.9011

■ 54.1646, 59.0080,
22.1164

■ 77.8820, 81.7086,
106.2743

■ 52.2321, 56.7595,
16.4882

■ 79.0270, 83.9987,
106.6559

■ 50.6008, 54.6698,
12.3287

■ 80.1977, 86.3400,
107.0462

■ 49.2431, 52.7275,
9.4929

■ 81.3941, 88.7328,
107.4450

■ 48.1256, 50.9189,
7.8059

■ 82.6164, 91.1774,
107.8524

■ 47.4092, 49.6430,
7.0833

■ 83.8648, 93.6742,
108.2685

Harmonies

Analogous

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



68.1703, 69.7709, 62.2361



65.3532, 69.7709, 61.6524



62.8644, 69.7709, 64.6915

Triad

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



65.3532, 69.7709, 61.6524



62.2508, 69.7709, 86.4784



71.5649, 69.7709, 81.3554

Complementary

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



65.3532, 69.7709, 61.6524



56.4792, 58.2374, 78.0770

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.



69.8899, 69.7709, 88.4857



65.3532, 69.7709, 61.6524



64.4940, 69.7709, 91.5858

Square

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



65.3532, 69.7709, 61.6524



61.1073, 69.7709, 78.7708



67.2865, 69.7709, 92.3455



71.8108, 69.7709, 73.2338

Rectangle

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



65.3532, 69.7709, 61.6524



61.7062, 69.7709, 68.4988



67.2865, 69.7709, 92.3455



71.1481, 69.7709, 83.9627

Sweetspot

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



65.3551, 69.7740, 61.6539



92.8731, 98.2047, 100.2867



60.3884, 58.8956, 62.9115



19.7932, 20.9487, 21.1297



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.



65.3551, 69.7740, 61.6539



87.3532, 93.4995, 78.9185



64.0094, 71.0326, 61.9678



14.6529, 15.5917, 14.5440



27.9510, 29.3399, 4.1900



1.9925, 2.1439, 0.3088

Inverse Universe

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



56.4792, 58.2374, 78.0770



73.1325, 75.0164, 105.2329



57.7006, 57.1775, 77.8080



13.1488, 13.6368, 17.3268



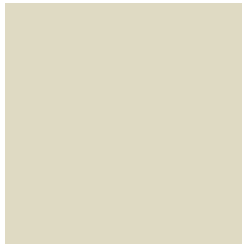
8.3318, 4.1332, 41.4070



0.6367, 0.4048, 2.8898

Previews

White Background



This preview shows how the XYZ color 65.3532, 69.7709, 61.6524 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 65.3532, 69.7709, 61.6524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

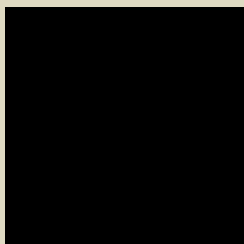
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

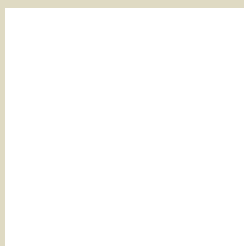
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3532, 69.7709, 61.6524

Background



This preview shows how black text looks on a background with the XYZ color 65.3532, 69.7709, 61.6524.



This preview shows how white text looks on a background with the XYZ color 65.3532, 69.7709,

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

65.3532, 69.7709, 61.6524

Protanopia

66.2290, 69.8516, 61.0310

Deuteranopia

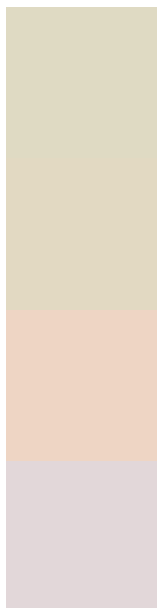
71.1307, 69.7172, 62.5311



Tritanopia

70.0721, 69.7957, 84.6416

Trichromacy



Original Color

65.3532, 69.7709, 61.6524

Protanomaly

65.9145, 69.6895, 61.0163

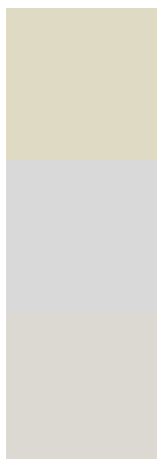
Deuteranomaly

69.0180, 69.7512, 62.0502

Tritanomaly

68.1889, 69.7794, 75.5205

Monochromacy



Original Color

65.3532, 69.7709, 61.6524

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.5349, 69.2892, 70.2417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3532, 69.7709, 61.6524 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(223, 218, 195)` looks like.

```
.text, #text, p{  
    color:rgb(223, 218, 195)  
}
```

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(223, 218, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 218, 195) }
```

Border

The CSS property to change the border of an element to XYZ 65.3532, 69.7709, 61.6524 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(223, 218, 195) }
```


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

```
.border{ border-color:rgb(223, 218, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 218, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 218, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 218, 195);  
box-shadow:4px 4px 4px 4px rgb(223, 218,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3532, 69.7709, 61.6524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 218, 195) }
```

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

```
.background{ background-color: rgb(223,  
218, 195) }
```

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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