

Converting Colors

XYZ(60.7527, 64.4877, 58.3116)

Have a look what the booklet for
XYZ(60.7527, 64.4877, 58.3116)
contains.

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Color

**XYZ(60.7695, 64.4537,
58.5281)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D2BF
RGB	216, 210, 191
RGB Percent	85%, 82%, 75%
CMY	0.1529, 0.1764, 0.2510
CMYK	0.00, 0.03, 0.12, 0.15
HSL	46°, 24%, 80%
HSV	46°, 12%, 85%
XYZ	60.7695, 64.4537, 58.5281
YIQ	209.6280, 9.6750, -4.6370

Conversions

Conversions Part 2

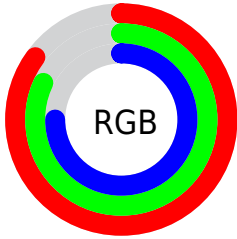
Format	Color
RYB	199, 216, 191
Decimal	14209727
CIELab	84.20, -1.16, 10.14
CIElCh	84, 10.211, 96.517
Yxy	64.4537, 0.3307, 0.3508
Android (android.graphics.Color)	4292399807 (0xFFD8D2BF)
YUV	209.6280, -9.1836, 5.5882
Hunter-Lab	80.2831, -5.3815, 12.9744

Details

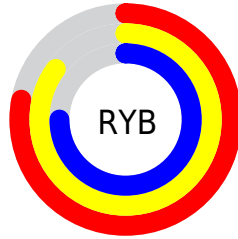
The XYZ color **60.7695, 64.4537, 58.5281** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8467, 55.9658, 72.9309**, and the grayscale version is **61.0700, 64.2504, 69.9687**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **31.1739, 33.1890, 28.8078** is the 20% darker color. If you saturate the color by 10%, you get **57.3078, 61.0576, 46.4989**, and if you desaturate by 10%, it is **64.6267, 68.0785, 72.4203**.

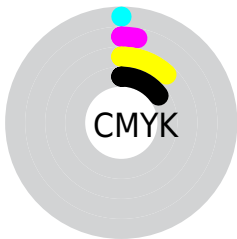
Distribution



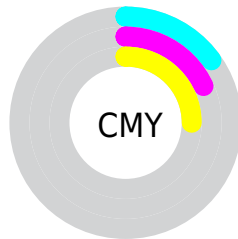
- Red (85%)
- Green (82%)
- Blue (75%)



- Red (78%)
- Yellow (85%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (12%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7695, 64.4537, 58.5281 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 60.7695, 64.4537, 58.5281 by changing the saturation by 10% instead.

■ 60.7695, 64.4537,
58.5281

■ 60.7695, 64.4537,
58.5281

417.2178,
440.8262, 436.8040

■ 44.2910, 47.0182,
41.8158

■ 105.0451,
111.2641, 104.2139

■ 31.0982, 33.0501,
28.6326

133.5730,
141.4078, 134.0244

■ 20.8259, 22.1648,
18.5599

166.8480,
176.5564, 169.0382

■ 13.1085, 13.9780,
11.1791

205.2355,
217.0942, 209.6738

■ 7.5808, 8.1054,
6.0718

249.1009,
263.4057, 256.3495

■ 3.8775, 4.1625,
2.8193

298.8095,

■ 1.6330, 1.7649,

315.8753, 309.4842

1.0031

354.7267,
374.8873, 369.4961

■ 0.4138, 0.4651,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7695, 64.4537,
58.5281

■ 60.7695, 64.4537,
58.5281

■ 57.3078, 61.0576,
46.4989

■ 64.6267, 68.0785,
72.4203

■ 54.2208, 57.8749,
36.2478

■ 68.8890, 71.9301,
88.2470

■ 51.4933, 54.9010,
27.6898

■ 73.4425, 75.9657,
105.3997

■ 49.1071, 52.1280,
20.7308

■ 74.8689, 78.8184,
105.8752

47.0424, 49.5473,
15.2680

76.3381, 81.7569,
106.3650

45.2769, 47.1494,
11.1861

77.8507, 84.7820,
106.8691

43.7850, 44.9233,
8.3531

79.4068, 87.8943,
107.3879

42.5365, 42.8563,
6.6111

81.0070, 91.0946,
107.9212

41.6298, 41.2202,
5.7622

82.1292, 93.3391,
108.2953

Harmonies

Analogous

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



63.0090, 64.4537, 59.3740



60.7695, 64.4537, 58.5281



58.7121, 64.4537, 60.6463

Triad

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



60.7695, 64.4537, 58.5281



57.8354, 64.4537, 77.8470



65.3333, 64.4537, 75.2551

Complementary

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



60.7695, 64.4537, 58.5281



53.8467, 55.9658, 72.9309

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.



63.8833, 64.4537, 80.6620



60.7695, 64.4537, 58.5281



59.5463, 64.4537, 82.2215

Square

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



60.7695, 64.4537, 58.5281



57.0452, 64.4537, 71.6009



61.7558, 64.4537, 83.2820



65.6802, 64.4537, 68.7763

Rectangle

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



60.7695, 64.4537, 58.5281



57.7085, 64.4537, 63.5358



61.7558, 64.4537, 83.2820



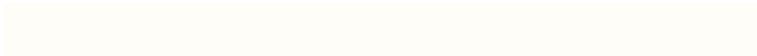
64.9570, 64.4537, 77.2701

Sweetspot

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



60.7713, 64.4565, 58.5295



93.2600, 98.3520, 102.3476



57.0572, 55.9041, 60.7578



19.8611, 20.9582, 21.5411



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.



60.7713, 64.4565, 58.5295



87.1548, 92.5685, 80.4990



60.4678, 66.5391, 58.9474



13.2087, 13.9917, 13.1652



24.7278, 24.5728, 3.4397



1.5536, 1.6063, 0.2282

Inverse Universe

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



53.8467, 55.9658, 72.9309



75.0593, 77.7377, 105.6566



54.1178, 54.1245, 72.5612



11.9820, 12.4875, 15.7163



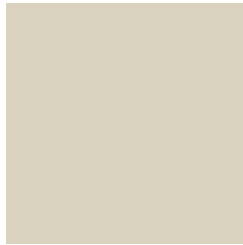
8.1285, 4.5188, 38.8969



0.5554, 0.4027, 2.3678

Previews

White Background



This preview shows how the XYZ color 60.7695, 64.4537, 58.5281 looks on a white background.

Color Contrast Check

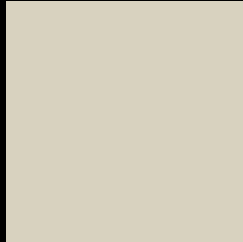
Large Text (above 18pt) WCAG AA × Fail

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 60.7695, 64.4537, 58.5281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

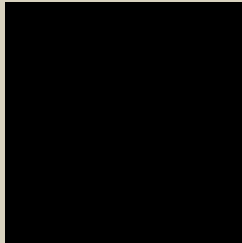
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

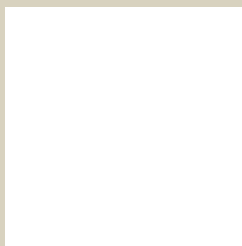
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7695, 64.4537, 58.5281

Background



This preview shows how black text looks on a background with the XYZ color 60.7695, 64.4537, 58.5281.



This preview shows how white text looks on a background with the XYZ color 60.7695, 64.4537,

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

60.7695, 64.4537, 58.5281

Protanopia

61.1179, 64.2679, 58.4739

Deuteranopia

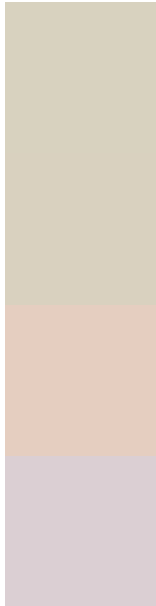
65.7954, 64.5222, 58.8554



Tritanopia

64.7713, 64.6322, 78.1687

Trichromacy



Original Color

60.7695, 64.4537, 58.5281

Protanomaly

60.8197, 64.1142, 58.4600

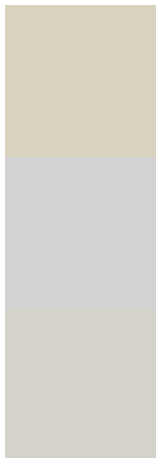
Deuteranomaly

63.8988, 64.6064, 58.9716

Tritanomaly

63.2841, 64.3889, 70.7209

Monochromacy



Original Color

60.7695, 64.4537, 58.5281

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.9775, 64.4020, 65.7169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7695, 64.4537, 58.5281 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(216, 210, 191) looks like.

```
.text, #text, p{  
    color:rgb(216, 210, 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(216, 210, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 210, 191) }
```

Border

The CSS property to change the border of an element to XYZ 60.7695, 64.4537, 58.5281 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(216, 210, 191) }
```


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

```
.border{ border-color:rgb(216, 210, 191) }
```

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

Here you see how a box with a 4 pixel rgb(216, 210, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 210, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 210, 191);  
box-shadow:4px 4px 4px 4px rgb(216, 210,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7695, 64.4537, 58.5281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 210, 191) }
```

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

```
.background{ background-color: rgb(216,  
210, 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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