

Converting Colors

XYZ(60.6345, 64.9466, 56.1323)

Have a look what the booklet for
XYZ(60.6345, 64.9466, 56.1323)
contains.

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Color

**XYZ(60.5828, 64.7753,
56.3235)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D3BB
RGB	216, 211, 187
RGB Percent	85%, 83%, 73%
CMY	0.1529, 0.1725, 0.2667
CMYK	0.00, 0.02, 0.13, 0.15
HSL	50°, 27%, 79%
HSV	50°, 13%, 85%
XYZ	60.5828, 64.7753, 56.3235
YIQ	209.7590, 10.6840, -6.4040

Conversions

Conversions Part 2

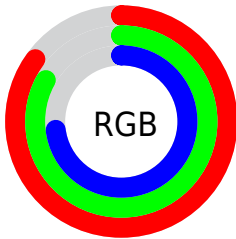
Format	Color
R_{YB}	193, 216, 187
Decimal	14209979
CIE _{Lab}	84.37, -2.32, 12.50
CIE _{LCh}	84, 12.712, 100.504
Yxy	64.7753, 0.3335, 0.3565
Android (android.graphics.Color)	4292400059 (0xFFD8D3BB)
YUV	209.7590, -11.2202, 5.4734
Hunter-Lab	80.4831, -6.4815, 14.8460

Details

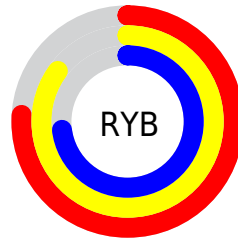
The XYZ color **60.5828, 64.7753, 56.3235** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7377, 53.2209, 72.5121**, and the grayscale version is **61.1683, 64.3538, 70.0813**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **31.0580, 33.4122, 27.3665** is the 20% darker color. If you saturate the color by 10%, you get **57.5291, 62.0939, 44.7424**, and if you desaturate by 10%, it is **64.0093, 67.6444, 69.7464**.

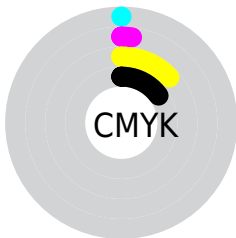
Distribution



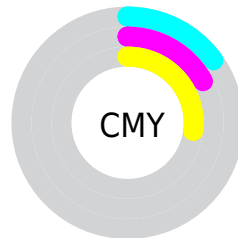
- Red (85%)
- Green (83%)
- Blue (73%)



- Red (76%)
- Yellow (85%)
- Blue (73%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5828, 64.7753, 56.3235 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 60.5828, 64.7753, 56.3235 by changing the saturation by 10% instead.

■ 60.5828, 64.7753,
56.3235

■ 60.5828, 64.7753,
56.3235

416.5430,
441.9841, 428.3320

■ 44.1398, 47.2789,
40.0566

■ 104.7762,
111.7267, 100.9679

■ 30.9788, 33.2562,
27.2686

133.2573,
141.9506, 130.1825

■ 20.7345, 22.3228,
17.5408

166.4818,
177.1857, 164.5502

■ 13.0414, 14.0943,
10.4548

204.8151,
217.8165, 204.4893

■ 7.5343, 8.1863,
5.5920

248.6225,
264.2273, 250.4185

■ 3.8477, 4.2144,
2.5339

298.2694,

■ 1.6163, 1.7942,

316.8026, 302.7564

0.8580

354.1211,
375.9267, 361.9213

■ 0.4030, 0.4835,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5828, 64.7753,
56.3235

■ 60.5828, 64.7753,
56.3235

■ 57.5291, 62.0939,
44.7424

■ 64.0093, 67.6444,
69.7464

■ 54.8273, 59.5851,
34.9174

■ 67.8180, 70.6986,
85.0834

■ 52.4623, 57.2449,
26.7621

■ 72.0244, 73.9466,
102.4079

■ 50.4160, 55.0656,
20.1813

■ 73.5353, 76.1514,
105.4307

■ 48.6682, 53.0391,
15.0698

■ 74.5575, 78.1958,
105.7714

■ 47.1965, 51.1561,
11.3102

■ 75.6018, 80.2844,
106.1195

■ 45.9749, 49.4060,
8.7663

■ 76.6683, 82.4174,
106.4750

■ 44.9721, 47.7759,
7.2740

■ 77.7572, 84.5951,
106.8380

■ 44.3975, 46.7558,
6.6848

■ 78.8685, 86.8178,
107.2084

Harmonies

Analogous

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



63.3961, 64.7753, 56.8681



60.5828, 64.7753, 56.3235



58.1087, 64.7753, 59.3585

Triad

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



60.5828, 64.7753, 56.3235



57.5318, 64.7753, 81.1143



66.8262, 64.7753, 75.8450

Complementary

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



60.5828, 64.7753, 56.3235



51.7377, 53.2209, 72.5121

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.



65.1598, 64.7753, 83.0204



60.5828, 64.7753, 56.3235



59.7734, 64.7753, 86.2198

Square

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



60.5828, 64.7753, 56.3235



56.3833, 64.7753, 73.4012



62.5618, 64.7753, 86.9429



67.0591, 64.7753, 67.7333

Rectangle

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



60.5828, 64.7753, 56.3235



56.9628, 64.7753, 63.1498



62.5618, 64.7753, 86.9429



66.4128, 64.7753, 78.4624

Sweetspot

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



60.5845, 64.7782, 56.3249



92.8929, 98.2444, 100.2933



55.6395, 53.9603, 57.5370



19.7983, 20.9587, 21.1313



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.



60.5845, 64.7782, 56.3249



86.9618, 93.2426, 77.1666



59.2071, 65.9392, 56.6216



13.2824, 14.1389, 13.1897



26.3487, 27.8146, 3.9800



1.6383, 1.7758, 0.2564

Inverse Universe

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



51.7377, 53.2209, 72.5121



71.7568, 73.3798, 104.9895



52.9785, 52.2598, 72.2612



11.9138, 12.3510, 15.6936



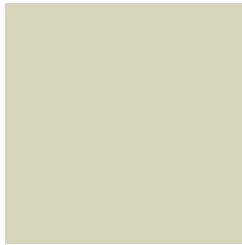
7.7864, 3.8346, 38.7829



0.5236, 0.3391, 2.3572

Previews

White Background



This preview shows how the XYZ color 60.5828, 64.7753, 56.3235 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 60.5828, 64.7753, 56.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

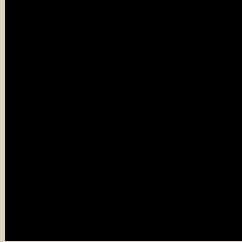
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

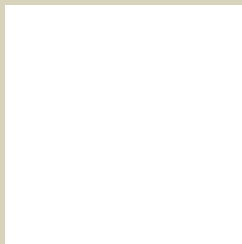
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5828, 64.7753, 56.3235

Background



This preview shows how black text looks on a background with the XYZ color 60.5828, 64.7753, 56.3235.



This preview shows how white text looks on a background with the XYZ color 60.5828, 64.7753,

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

60.5828, 64.7753, 56.3235

Protanopia

61.4247, 64.8540, 55.7350

Deuteranopia

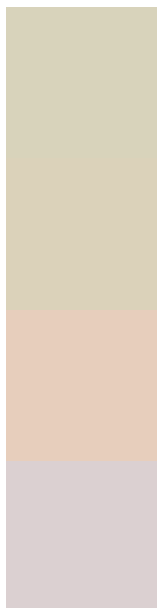
66.1378, 64.7367, 57.1537



Tritanopia

65.0749, 64.7887, 78.1829

Trichromacy



Original Color

60.5828, 64.7753, 56.3235

Protanomaly

61.1229, 64.6984, 55.7209

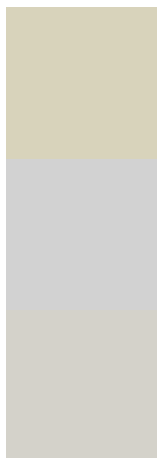
Deuteranomaly

64.1034, 64.7624, 56.6987

Tritanomaly

63.2779, 64.7753, 69.4894

Monochromacy



Original Color

60.5828, 64.7753, 56.3235

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.8586, 64.3545, 65.0912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5828, 64.7753, 56.3235 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, 211, 187)` looks like.

```
.text, #text, p{  
    color:rgb(216, 211, 187)  
}
```

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, 211, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 211, 187) }
```

Border

The CSS property to change the border of an element to XYZ 60.5828, 64.7753, 56.3235 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, 211, 187) }
```


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

```
.border{ border-color:rgb(216, 211, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 211, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 211, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 211, 187);  
box-shadow:4px 4px 4px 4px rgb(216, 211,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5828, 64.7753, 56.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 211, 187) }
```

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

```
.background{ background-color: rgb(216,  
211, 187) }
```

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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