

Converting Colors

XYZ(60.3115, 62.7269, 57.4238)

Have a look what the booklet for
XYZ(60.3115, 62.7269, 57.4238)
contains.

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Color

**XYZ(60.2790, 62.7657,
57.6532)**

Conversions

Conversions Part 1

Format	Color
Hex	DACEBE
RGB	218, 206, 190
RGB Percent	85%, 81%, 75%
CMY	0.1451, 0.1921, 0.2549
CMYK	0.00, 0.06, 0.13, 0.15
HSL	34°, 27%, 80%
HSV	34°, 13%, 85%
XYZ	60.2790, 62.7657, 57.6532
YIQ	207.7640, 12.2880, -2.4320

Conversions

Conversions Part 2

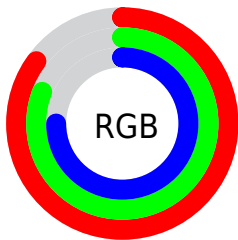
Format	Color
R _Y B	211, 218, 190
Decimal	14339774
CIE Lab	83.32, 1.48, 9.44
CIE LCh	83, 9.553, 81.070
Yxy	62.7657, 0.3336, 0.3474
Android (android.graphics.Color)	4292529854 (0xFFDACEBE)
YUV	207.7640, -8.7577, 8.9770
Hunter-Lab	79.2248, -2.8299, 12.3111

Details

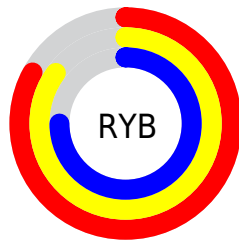
The XYZ color **60.2790, 62.7657, 57.6532** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0105, 58.2491, 74.6741**, and the grayscale version is **59.8521, 62.9691, 68.5733**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **30.8479, 32.0491, 28.2272** is the 20% darker color. If you saturate the color by 10%, you get **55.8908, 57.5210, 45.3012**, and if you desaturate by 10%, it is **65.1607, 68.4258, 71.9295**.

Distribution



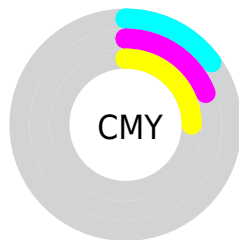
- Red (85%)
- Green (81%)
- Blue (75%)



- Red (83%)
- Yellow (85%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (15%)



- Cyan (15%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2790, 62.7657, 57.6532 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 60.2790, 62.7657, 57.6532 by changing the saturation by 10% instead.

■ 60.2790, 62.7657,
57.6532

■ 60.2790, 62.7657,
57.6532

415.4437,
434.7187, 433.4545

■ 43.8939, 45.6517,
41.1171

■ 104.3383,
108.8314, 102.9274

■ 30.7846, 31.9710,
28.0902

132.7432,
138.5519, 132.5026

■ 20.5859, 21.3394,
18.1540

165.8855,
173.2434, 167.2612

■ 12.9324, 13.3723,
10.8900

204.1304,
213.2902, 207.6218

■ 7.4587, 7.6854,
5.8797

247.8433,
259.0767, 254.0029

■ 3.7994, 3.8943,
2.7045

297.3896,

■ 1.5893, 1.6146,

310.9874, 306.8230

0.9457

353.1346,
369.4065, 366.5007

■ 0.3854, 0.3674,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2790, 62.7657,
57.6532

■ 60.2790, 62.7657,
57.6532

■ 55.8908, 57.5210,
45.3012

■ 65.1607, 68.4258,
71.9295

■ 51.9728, 52.6724,
34.7857

■ 70.5479, 74.5033,
88.2046

■ 48.5076, 48.2113,
26.0179

■ 76.3935, 80.9851,
106.2131

■ 45.4742, 44.1253,
18.9000

■ 79.1234, 86.4450,
107.1230

■ 42.8499, 40.4015,
13.3247

■ 81.9956, 92.1893,
108.0804

■ 40.6094, 37.0255,
9.1714

■ 82.7237, 93.6456,
108.3231

■ 38.7239, 33.9816,
6.3016

■ 37.1592, 31.2517,
4.5484

■ 36.1972, 29.4726,
3.7810

Harmonies

Analogous

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



62.2018, 62.7657, 59.8240



60.2790, 62.7657, 57.6532



58.2326, 62.7657, 58.2140

Triad

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



60.2790, 62.7657, 57.6532



56.0072, 62.7657, 72.5362



62.8180, 62.7657, 75.7833

Complementary

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



60.2790, 62.7657, 57.6532



55.0105, 58.2491, 74.6741

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.



61.1043, 62.7657, 79.5796



60.2790, 62.7657, 57.6532



57.1824, 62.7657, 77.6306

Square

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



60.2790, 62.7657, 57.6532



55.7979, 62.7657, 66.5811



59.0391, 62.7657, 80.2746



63.6899, 62.7657, 70.1320

Rectangle

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



60.2790, 62.7657, 57.6532



57.0713, 62.7657, 60.0757



59.0391, 62.7657, 80.2746



62.3194, 62.7657, 77.3320

Sweetspot

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



60.2807, 62.7685, 57.6545



92.0726, 96.6038, 100.0199



58.0041, 56.0038, 63.7134



19.5903, 20.5428, 21.0620



0.0000, 0.0000, 0.0000



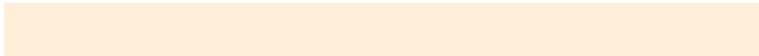
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.2807, 62.7685, 57.6545



84.4851, 87.7632, 77.9624



62.7247, 68.4804, 58.6282



13.6708, 14.2809, 13.7615



21.7945, 17.8746, 2.3014



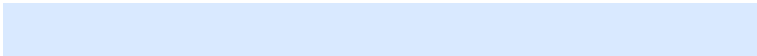
1.4968, 1.3278, 0.1774

Inverse Universe

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



55.0105, 58.2491, 74.6741



75.7688, 80.2890, 106.1116



52.7737, 53.0789, 73.7940



12.7951, 13.5299, 16.5893



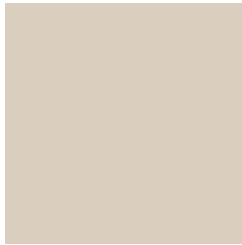
10.0497, 7.9689, 40.7469



0.7355, 0.6850, 2.6679

Previews

White Background



This preview shows how the XYZ color 60.2790, 62.7657, 57.6532 looks on a white background.

Color Contrast Check

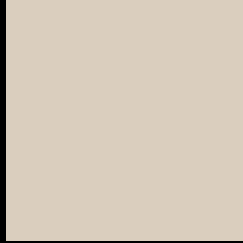
Large Text (above 18pt) WCAG AA × Fail

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 60.2790, 62.7657, 57.6532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

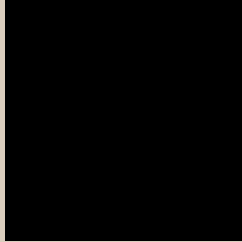
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

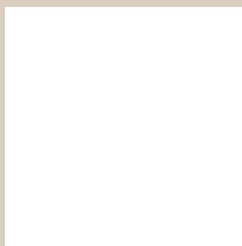
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2790, 62.7657, 57.6532

Background



This preview shows how black text looks on a background with the XYZ color 60.2790, 62.7657, 57.6532.

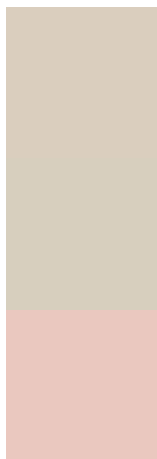


This preview shows how white text looks on a background with the XYZ color 60.2790, 62.7657,

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

60.2790, 62.7657, 57.6532

Protanopia

59.6314, 62.7904, 57.6920

Deuteranopia

63.9899, 62.5626, 57.9934



Tritanopia

63.8996, 62.8326, 75.0897

Trichromacy



Original Color

60.2790, 62.7657, 57.6532

Protanomaly

59.9260, 62.9423, 57.7058

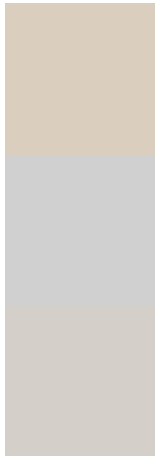
Deuteranomaly

62.5194, 62.4966, 58.0581

Tritanomaly

62.5599, 62.6381, 68.4676

Monochromacy



Original Color

60.2790, 62.7657, 57.6532

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.0068, 62.8397, 64.2249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2790, 62.7657, 57.6532 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(218, 206, 190) looks like.

```
.text, #text, p{  
    color:rgb(218, 206, 190)  
}
```

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(218, 206, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 206, 190) }
```

Border

The CSS property to change the border of an element to XYZ 60.2790, 62.7657, 57.6532 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(218, 206, 190) }
```


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

```
.border{ border-color:rgb(218, 206, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 206, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 206, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 206, 190);  
box-shadow:4px 4px 4px 4px rgb(218, 206,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2790, 62.7657, 57.6532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 206, 190) }
```

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

```
.background{ background-color: rgb(218,  
206, 190) }
```

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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