

Converting Colors

XYZ(60.7763, 61.0168, 52.8301)

Have a look what the booklet for
XYZ(60.7763, 61.0168, 52.8301)
contains.

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Color

**XYZ(60.7763, 61.0168,
52.8301)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C8B6
RGB	227, 200, 182
RGB Percent	89%, 78%, 71%
CMY	0.1098, 0.2157, 0.2863
CMYK	0.00, 0.12, 0.20, 0.11
HSL	24°, 45%, 80%
HSV	24°, 20%, 89%
XYZ	60.7763, 61.0168, 52.8301
YIQ	206.0210, 21.8700, 0.1260

Conversions

Conversions Part 2

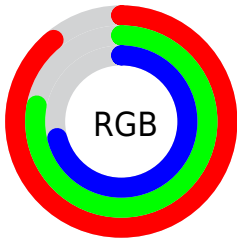
Format	Color
R _Y B	227, 212, 182
Decimal	14928054
CIE Lab	82.39, 6.67, 12.48
CIE LCh	82, 14.149, 61.853
Yxy	61.0168, 0.3480, 0.3494
Android (android.graphics.Color)	4293118134 (0xFFE3C8B6)
YUV	206.0210, -11.8424, 18.3986
Hunter-Lab	78.1133, 2.1844, 14.5798

Details

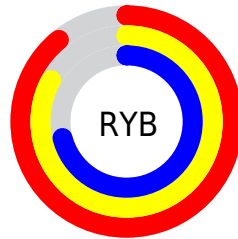
The XYZ color **60.7763, 61.0168, 52.8301** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.9566, 61.0906, 81.5159**, and the grayscale version is **58.7446, 61.8039, 67.3044**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **31.0359, 30.8007, 25.0782** is the 20% darker color. If you saturate the color by 10%, you get **55.6036, 54.1261, 40.4549**, and if you desaturate by 10%, it is **66.6135, 68.6271, 67.3043**.

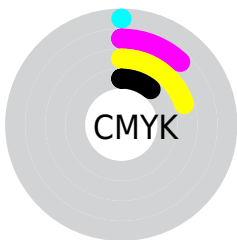
Distribution



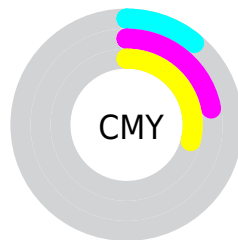
- Red (89%)
- Green (78%)
- Blue (71%)



- Red (89%)
- Yellow (83%)
- Blue (71%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (11%)





- Cyan (11%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7763, 61.0168, 52.8301 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 60.7763, 61.0168, 52.8301 by changing the saturation by 10% instead.


 60.7763, 61.0168,
52.8301

 60.7763, 61.0168,
52.8301


417.2423,
428.3356, 414.6807

 44.2965, 44.2387,
37.2804


 105.0549,
106.3033, 95.7933

 31.1026, 30.8582,
25.1272


133.5845,
135.5804, 124.0439

 20.8292, 20.4909,
15.9519


166.8613,
169.7928, 157.3652

 13.1110, 12.7524,
9.3362

205.2508,
209.3247, 196.1756

 7.5825, 7.2583,
4.8613

249.1183,
254.5605, 240.8939

 3.8785, 3.6241,
2.1088

298.8291,

 1.6336, 1.4656,

305.8847, 291.9385

0.6210

354.7487,
363.6816, 349.7279

■ 0.4142, 0.2643,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7763, 61.0168,
52.8301

■ 60.7763, 61.0168,
52.8301

■ 55.6036, 54.1261,
40.4549

■ 66.6135, 68.6271,
67.3043

■ 51.0650, 47.9247,
30.0762

■ 73.1345, 76.9694,
83.9660

■ 47.1347, 42.3922,
21.5884

■ 80.3636, 86.0666,
102.9030

■ 43.7830, 37.5042,
14.8745

■ 85.3221, 94.7376,
108.3970

■ 40.9774, 33.2343,
9.8045

■ 85.4887, 95.0710,
108.4525

■ 38.6816, 29.5540,
6.2300

■ 36.8535, 26.4315,
3.9753

■ 35.4274, 23.8248,
2.7429

■ 35.4047, 23.7828,
2.7245

Harmonies

Analogous

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



63.0663, 61.0168, 58.0440



60.7763, 61.0168, 52.8301



57.8072, 61.0168, 51.1678

Triad

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



60.7763, 61.0168, 52.8301



52.3842, 61.0168, 66.9759



61.1123, 61.0168, 81.5819

Complementary

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



60.7763, 61.0168, 52.8301



55.9566, 61.0906, 81.5159

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.



58.1825, 61.0168, 84.4764



60.7763, 61.0168, 52.8301



53.2024, 61.0168, 75.6022

Square

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



60.7763, 61.0168, 52.8301



53.0254, 61.0168, 58.8991



55.2992, 61.0168, 82.1999



63.2650, 61.0168, 74.5919

Rectangle

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



60.7763, 61.0168, 52.8301



55.8607, 61.0168, 52.1707



55.2992, 61.0168, 82.1999



60.1823, 61.0168, 83.0922

Sweetspot

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



60.7779, 61.0195, 52.8314



89.8251, 93.3364, 95.4861



59.9157, 54.3910, 67.6628



19.1088, 19.8272, 20.1391



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.



60.7779, 61.0195, 52.8314



76.1008, 75.4373, 61.4712



66.3768, 72.2174, 54.6977



14.8479, 15.3096, 15.0769



20.7549, 14.0840, 1.6246



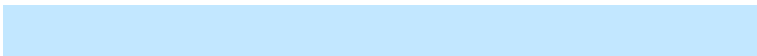
1.6226, 1.2185, 0.1497

Inverse Universe

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



55.9566, 61.0906, 81.5159



68.6869, 75.5431, 105.5688



50.8217, 50.8208, 79.8043



14.2983, 15.3181, 18.3474



13.3525, 13.7671, 44.3367



1.0770, 1.1980, 3.3064

Previews

White Background



This preview shows how the XYZ color 60.7763, 61.0168, 52.8301 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 60.7763, 61.0168, 52.8301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

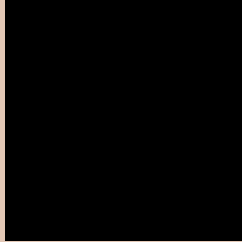
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7763, 61.0168, 52.8301

Background



This preview shows how black text looks on a background with the XYZ color 60.7763, 61.0168, 52.8301.



This preview shows how white text looks on a background with the XYZ color 60.7763, 61.0168,

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

60.7763, 61.0168, 52.8301

Protanopia

57.9762, 60.9426, 54.0548

Deuteranopia

62.2419, 61.0892, 52.7669



Tritanopia

64.4528, 61.1719, 70.0384

Trichromacy



Original Color

60.7763, 61.0168, 52.8301

Protanomaly

59.1166, 61.1908, 53.4950

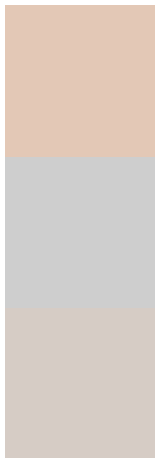
Deuteranomaly

61.8219, 61.2132, 52.8129

Tritanomaly

63.0247, 60.9256, 63.0816

Monochromacy



Original Color

60.7763, 61.0168, 52.8301

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.4025, 61.5131, 61.5657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7763, 61.0168, 52.8301 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(227, 200, 182)` looks like.

```
.text, #text, p{  
    color:rgb(227, 200, 182)  
}
```

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(227, 200, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 200, 182) }
```

Border

The CSS property to change the border of an element to XYZ 60.7763, 61.0168, 52.8301 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(227, 200, 182) }
```


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

```
.border{ border-color:rgb(227, 200, 182) }
```

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

Here you see how a box with a 4 pixel rgb(227, 200, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 200, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 200, 182);  
box-shadow:4px 4px 4px 4px rgb(227, 200,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7763, 61.0168, 52.8301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 200, 182) }
```

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

```
.background{ background-color: rgb(227,  
200, 182) }
```

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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