

Converting Colors

XYZ(27.5227, 21.5390, 16.3425)

Have a look what the booklet for
XYZ(27.5227, 21.5390, 16.3425)
contains.

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Color

**XYZ(27.5227, 21.5390,
16.3425)**

Conversions

Conversions Part 1

Format	Color
Hex	B86A6A
RGB	184, 106, 106
RGB Percent	72%, 42%, 42%
CMY	0.2784, 0.5843, 0.5843
CMYK	0.00, 0.42, 0.42, 0.28
HSL	0°, 35%, 57%
HSV	0°, 42%, 72%
XYZ	27.5227, 21.5390, 16.3425
YIQ	129.3220, 46.4880, 16.5360

Conversions

Conversions Part 2

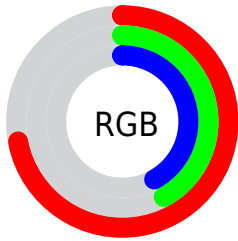
Format	Color
RYB	184, 106, 106
Decimal	12085866
CIELab	53.53, 31.07, 13.60
CIELCh	54, 33.920, 23.636
Yxy	21.5390, 0.4208, 0.3293
Android (android.graphics.Color)	4290275946 (0xFFB86A6A)
YUV	129.3220, -11.4977, 47.9526
Hunter-Lab	46.4101, 24.6385, 11.6092

Details

The XYZ color **27.5227, 21.5390, 16.3425** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **31.7352, 40.8040, 51.5507**, and the grayscale version is **21.0074, 22.1014, 24.0684**.

A 20% lighter version of the original color is **54.9306, 45.7653, 37.8367**, and **11.1546, 7.8312, 5.0613** is the 20% darker color. If you saturate the color by 10%, you get **24.9696, 17.8033, 11.2664**, and if you desaturate by 10%, it is **30.6890, 26.1725, 22.6363**.

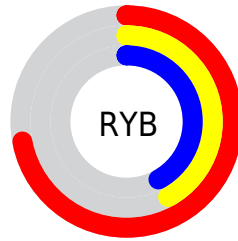
Distribution



Red (72%)

Green (42%)

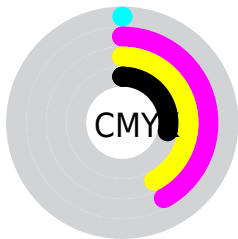
Blue (42%)



Red (72%)

Yellow (42%)

Blue (42%)

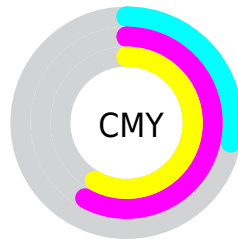


Cyan (0%)

Magenta (42%)

Yellow (42%)

Black (28%)



Cyan (28%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5227, 21.5390, 16.3425 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 27.5227, 21.5390, 16.3425 by changing the saturation by 10% instead.


 27.5227, 21.5390,
16.3425


 27.5227, 21.5390,
16.3425


282.3007,
260.1293, 243.2687


 18.1048, 13.5186,
9.6099


 55.1355, 45.9829,
37.9668


 11.1254, 7.7866,
5.0389


 74.0611, 63.1751,
53.6956

 6.2192, 3.9587,
2.2109


 96.8866, 84.1934,
73.2601

 3.0207, 1.6505,
0.6807

 123.9774,
109.4221, 97.0790

 1.1647, 0.3913,
0.0000

155.6989,
139.2456, 125.5708

 0.0782, 0.0000,
0.0000

192.4164,

 0.0000, 0.0000,

174.0484, 159.1539

0.0000

234.4952,
214.2148, 198.2471

■ 27.5227, 21.5390,
16.3425

■ 27.5227, 21.5390,
16.3425

■ 24.9696, 17.8033,
11.2664

■ 30.6890, 26.1725,
22.6363

■ 22.9884, 14.9043,
7.3282

■ 34.5029, 31.7533,
30.2180

■ 21.5358, 12.7785,
4.4404


■ 38.9981, 38.3310,
39.1543


■ 20.5609, 11.3520,
2.5027


■ 44.2055, 45.9510,
49.5066


■ 20.0036, 10.5364,
1.3949


■ 50.1543, 54.6557,
61.3327

 19.7672, 10.1906,
0.9251

 56.8719, 64.4854,
74.6872

 64.3842, 75.4780,
89.6217

 72.7162, 87.6699,
106.1857

 73.5771, 88.9303,
107.8951

Harmonies

Analogous

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



28.1861, 21.5390, 25.7287



27.5227, 21.5390, 16.3425



24.8760, 21.5390, 10.7973

Triad

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



27.5227, 21.5390, 16.3425



15.3696, 21.5390, 13.5190



19.7114, 21.5390, 49.3199

Complementary

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



27.5227, 21.5390, 16.3425



31.7352, 40.8040, 51.5507

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.



16.6214, 21.5390, 43.4115



27.5227, 21.5390, 16.3425



14.3122, 21.5390, 21.3144

Square

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



27.5227, 21.5390, 16.3425



17.8100, 21.5390, 9.5345



14.7420, 21.5390, 32.3727



23.3872, 21.5390, 46.8236

Rectangle

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



27.5227, 21.5390, 16.3425



22.4935, 21.5390, 9.0684



14.7420, 21.5390, 32.3727



18.5757, 21.5390, 48.2062

Sweetspot

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



27.5233, 21.5401, 16.3429



69.9730, 68.4293, 69.5430



33.5730, 23.9593, 48.2024



14.6801, 14.1599, 14.1878



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.5233, 21.5401, 16.3429



45.4860, 32.5978, 20.8642



32.4941, 31.4819, 17.9999



9.0047, 9.0123, 9.3719



13.6235, 7.0233, 0.6376



0.4803, 0.2476, 0.0225

Inverse Universe

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



31.7352, 40.8040, 51.5507



54.1506, 72.2265, 93.2917



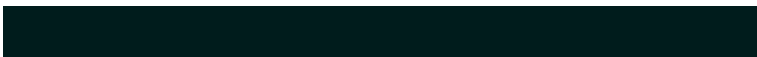
24.7211, 26.7758, 49.2126



9.2667, 10.2106, 11.5619



17.7744, 26.0084, 35.3364



0.6266, 0.9169, 1.2457

Previews

White Background



This preview shows how the XYZ color 27.5227, 21.5390, 16.3425 looks on a white background.

Color Contrast Check

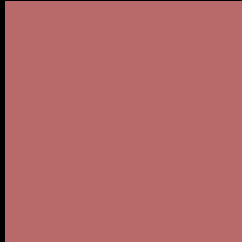
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5227, 21.5390, 16.3425 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 × Fail

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

XYZ 27.5227, 21.5390, 16.3425

Background



This preview shows how black text looks on a background with the XYZ color 27.5227, 21.5390, 16.3425.



This preview shows how white text looks on a background with the XYZ color 27.5227, 21.5390,

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

27.5227, 21.5390, 16.3425

Protanopia

20.6029, 21.7092, 19.9340

Deuteranopia

21.9256, 21.5348, 15.8330



Tritanopia

28.0398, 21.6097, 18.3160

Trichromacy



Original Color

27.5227, 21.5390, 16.3425

Protanomaly

22.6460, 21.3006, 18.5406

Deuteranomaly

23.7603, 21.4034, 15.9757

Tritanomaly

27.8736, 21.5432, 17.4410

Monochromacy



Original Color

27.5227, 21.5390, 16.3425

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.6830, 21.4448, 21.0329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5227, 21.5390, 16.3425 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(184, 106, 106)` looks like.

```
.text, #text, p{  
    color:rgb(184, 106, 106)  
}
```

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(184, 106, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 106, 106) }
```

Border

The CSS property to change the border of an element to XYZ 27.5227, 21.5390, 16.3425 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(184, 106, 106) }
```


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

```
.border{ border-color:rgb(184, 106, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 106, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 106, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 106, 106);  
box-shadow:4px 4px 4px 4px rgb(184, 106,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5227, 21.5390, 16.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 106, 106) }
```

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

```
.background{ background-color: rgb(184,  
106, 106) }
```

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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