

Converting Colors

XYZ(27.3531, 17.5941, 13.2295)

Have a look what the booklet for
XYZ(27.3531, 17.5941, 13.2295)
contains.

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Color

**XYZ(27.4387, 17.6310,
13.2662)**

Conversions

Conversions Part 1

Format	Color
Hex	C44B61
RGB	196, 75, 97
RGB Percent	77%, 29%, 38%
CMY	0.2314, 0.7059, 0.6196
CMYK	0.00, 0.62, 0.51, 0.23
HSL	349°, 51%, 53%
HSV	349°, 62%, 77%
XYZ	27.4387, 17.6310, 13.2662
YIQ	113.6870, 65.0540, 32.4940

Conversions

Conversions Part 2

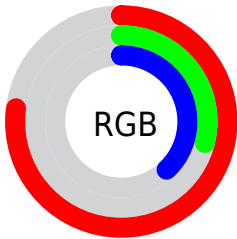
Format	Color
R_{YB}	196, 75, 97
Decimal	12864353
CIE _{Lab}	49.05, 50.09, 13.00
CIE _{LCh}	49, 51.745, 14.547
Yxy	17.6310, 0.4704, 0.3022
Android (android.graphics.Color)	4291054433 (0xFFC44B61)
YUV	113.6870, -8.2267, 72.1885
Hunter-Lab	41.9893, 43.1630, 10.6603

Details

The XYZ color **27.4387, 17.6310, 13.2662** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **30.2827, 44.0321, 46.9508**, and the grayscale version is **15.9115, 16.7401, 18.2300**.

A 20% lighter version of the original color is **54.3567, 39.0671, 32.2796**, and **11.0580, 5.8452, 3.6774** is the 20% darker color. If you saturate the color by 10%, you get **25.6343, 15.1005, 9.3410**, and if you desaturate by 10%, it is **29.8046, 21.0427, 18.1247**.

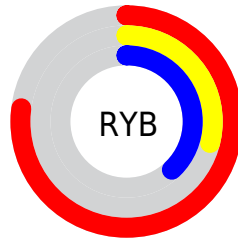
Distribution



Red (77%)

Green (29%)

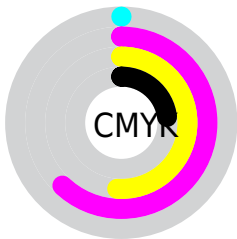
Blue (38%)



Red (77%)

Yellow (29%)

Blue (38%)

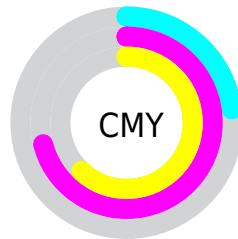


Cyan (0%)

Magenta (62%)

Yellow (51%)

Black (23%)



Cyan (23%)


Magenta (71%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4387, 17.6310, 13.2662 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 27.4387, 17.6310, 13.2662 by changing the saturation by 10% instead.


 27.4387, 17.6310,
13.2662


 27.4387, 17.6310,
13.2662


281.9040,
238.7829, 223.8841


 18.0413, 10.6854,
7.4792


 55.0020, 39.4075,
32.4794


 11.0795, 5.8557,
3.6806


 73.8985, 55.0073,
46.7427


 6.1880, 2.7575,
1.4518


 96.6922, 74.2605,
64.6685

 3.0015, 1.0065,
0.1816

 123.7482, 97.5516,
86.6753

 1.1545, 0.0000,
0.0000

 155.4321,
125.2650, 113.1818

 0.0700, 0.0000,
0.0000

192.1091,

 0.0000, 0.0000,

157.7851, 144.6064

0.0000

234.1446,
195.4962, 181.3676

■ 27.4387, 17.6310,
13.2662

■ 27.4387, 17.6310,
13.2662

■ 25.6343, 15.1005,
9.3410

■ 29.8046, 21.0427,
18.1247

■ 24.3419, 13.3667,
6.2869

■ 32.7730, 25.4042,
23.9712

■ 23.5053, 12.3333,
4.0351

■ 36.3829, 30.7805,
30.8571

■ 23.0776, 11.8608,
2.7124

■ 40.6691, 37.2302,
38.8300

■ 45.6643, 44.8074,
47.9345

■ 51.3988, 53.5625,
58.2127

■ 57.9012, 63.5428,
69.7045

■ 65.1986, 74.7930,
82.4479

■ 73.3168, 87.3557,
96.4793

Harmonies

Analogous

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



27.3860, 17.6310, 27.1833



27.4387, 17.6310, 13.2662



24.2781, 17.6310, 5.9389

Triad

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



27.4387, 17.6310, 13.2662



11.0552, 17.6310, 5.8042



14.4052, 17.6310, 57.8884

Complementary

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



27.4387, 17.6310, 13.2662



30.2827, 44.0321, 46.9508

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.



10.9769, 17.6310, 44.5226



27.4387, 17.6310, 13.2662



9.3112, 17.6310, 12.9518

Square

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



27.4387, 17.6310, 13.2662



14.5335, 17.6310, 3.2533



9.2856, 17.6310, 26.6753



19.1980, 17.6310, 58.1155

Rectangle

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



27.4387, 17.6310, 13.2662



21.0699, 17.6310, 3.8115



9.2856, 17.6310, 26.6753



13.0781, 17.6310, 54.5755

Sweetspot

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



27.4391, 17.6320, 13.2665



75.7556, 70.5926, 74.1637



29.8953, 17.9964, 54.1224



15.6848, 14.3081, 14.9005



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.



27.4391, 17.6320, 13.2665



45.5352, 26.1234, 14.8519



29.9762, 24.1260, 9.7348



10.1463, 10.1071, 10.8610



14.8518, 7.6305, 1.8656



0.6650, 0.3390, 0.2034

Inverse Universe

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



27.4391, 17.6320, 13.2665



45.5352, 26.1234, 14.8519



25.0393, 29.8282, 56.6621



10.1463, 10.1071, 10.8610



14.8518, 7.6305, 1.8656



0.6650, 0.3390, 0.2034

Previews

White Background



This preview shows how the XYZ color 27.4387, 17.6310, 13.2662 looks on a white 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

Black Background



This preview shows how the XYZ color 27.4387, 17.6310, 13.2662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

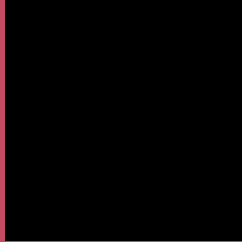
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4387, 17.6310, 13.2662

Background



This preview shows how black text looks on a background with the XYZ color 27.4387, 17.6310, 13.2662.



This preview shows how white text looks on a background with the XYZ color 27.4387, 17.6310,

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

27.4387, 17.6310, 13.2662

Protanopia

17.2391, 17.9525, 19.6961

Deuteranopia

17.9990, 17.6620, 12.3580



Tritanopia

26.7914, 17.6754, 10.1832

Trichromacy



Original Color

27.4387, 17.6310, 13.2662

Protanomaly

19.5985, 16.8316, 16.9677

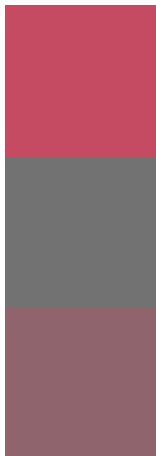
Deuteranomaly

20.5382, 16.9831, 12.5515

Tritanomaly

26.9210, 17.6144, 11.2136

Monochromacy



Original Color

27.4387, 17.6310, 13.2662

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

18.7655, 16.1263, 16.3110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4387, 17.6310, 13.2662 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(196, 75, 97)` looks like.

```
.text, #text, p{  
    color:rgb(196, 75, 97)  
}
```

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(196, 75, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 75, 97) }
```

Border

The CSS property to change the border of an element to XYZ 27.4387, 17.6310, 13.2662 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(196, 75, 97) }
```


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

```
.border{ border-color:rgb(196, 75, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 75, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 75, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 75, 97);  
box-shadow:4px 4px 4px 4px rgb(196, 75,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4387, 17.6310, 13.2662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 75, 97) }
```

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

```
.background{ background-color: rgb(196, 75,  
97) }
```

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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