

Converting Colors

XYZ(24.5466, 17.1706, 13.0498)

Have a look what the booklet for
XYZ(24.5466, 17.1706, 13.0498)
contains.

XYZ(24.5730, 17.1303, 13.0777)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.5730, 17.1303,
13.0777)**

Conversions

Conversions Part 1

Format	Color
Hex	B65460
RGB	182, 84, 96
RGB Percent	71%, 33%, 38%
CMY	0.2863, 0.6706, 0.6235
CMYK	0.00, 0.54, 0.47, 0.29
HSL	353°, 40%, 52%
HSV	353°, 54%, 71%
XYZ	24.5730, 17.1303, 13.0777
YIQ	114.6700, 54.5560, 24.5080

Conversions

Conversions Part 2

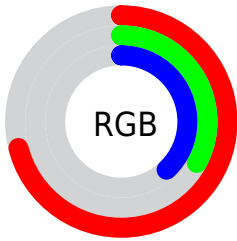
Format	Color
R_{YB}	182, 84, 96
Decimal	11949152
CIE _{Lab}	48.42, 40.84, 12.40
CIE _{LCh}	48, 42.676, 16.888
Yxy	17.1303, 0.4486, 0.3127
Android (android.graphics.Color)	4290139232 (0xFFB65460)
YUV	114.6700, -9.2043, 59.0484
Hunter-Lab	41.3888, 33.5472, 10.2381

Details

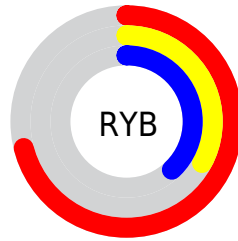
The XYZ color **24.5730, 17.1303, 13.0777** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **27.6407, 38.2432, 43.9576**, and the grayscale version is **16.2119, 17.0561, 18.5741**.

A 20% lighter version of the original color is **50.2681, 38.3844, 31.9536**, and **9.5497, 5.6233, 3.5997** is the 20% darker color. If you saturate the color by 10%, you get **22.6772, 14.3985, 9.1789**, and if you desaturate by 10%, it is **26.9861, 20.6576, 17.8864**.

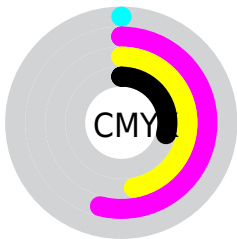
Distribution



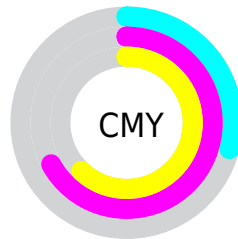
- Red (71%)
- Green (33%)
- Blue (38%)



- Red (71%)
- Yellow (33%)
- Blue (38%)



- Cyan (0%)
- Magenta (54%)
- Yellow (47%)
- Black (29%)





- Cyan (29%)
- Magenta (67%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.5730, 17.1303, 13.0777 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 24.5730, 17.1303, 13.0777 by changing the saturation by 10% instead.


 24.5730, 17.1303,
13.0777


 24.5730, 17.1303,
13.0777


268.0918,
235.9221, 222.6403


 15.8862, 10.3274,
7.3507


 50.4116, 38.5497,
32.1365


 9.5340, 5.6166,
3.6006


 68.2941, 53.9350,
46.3055


 5.1510, 2.6134,
1.4089

 89.9725, 72.9499,
64.1255

 2.3718, 0.9334,
0.1487

 115.8123, 95.9787,
86.0151

 0.8310, 0.0000,
0.0000

 146.1788,
123.4060, 112.3928

 0.0000, 0.0000,
0.0000

181.4373,

155.6161, 143.6772

221.9531,
192.9933, 180.2869

■ 24.5730, 17.1303,
13.0777

■ 24.5730, 17.1303,
13.0777

■ 22.6772, 14.3985,
9.1789

■ 26.9861, 20.6576,
17.8864

■ 21.2592, 12.3977,
6.1314

■ 29.9494, 25.0330,
23.6565

■ 20.2759, 11.0579,
3.8711

■ 33.4947, 30.3075,
30.4371

■ 19.6755, 10.2940,
2.3244

■ 37.6510, 36.5276,
38.2733

■ 19.4388, 10.0040,
1.6796

■ 42.4453, 43.7365,
47.2077

■ 47.9029, 51.9746,
57.2804

■ 54.0479, 61.2801,
68.5295

■ 60.9031, 71.6894,
80.9914

■ 68.4902, 83.2370,
94.7010

Harmonies

Analogous

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



24.7418, 17.1303, 23.9666



24.5730, 17.1303, 13.0777



21.9699, 17.1303, 6.9479

Triad

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



24.5730, 17.1303, 13.0777



11.3936, 17.1303, 7.4794



14.6375, 17.1303, 48.4027

Complementary

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



24.5730, 17.1303, 13.0777



27.6407, 38.2432, 43.9576

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.



11.6715, 17.1303, 39.1601



24.5730, 17.1303, 13.0777



10.0105, 17.1303, 14.1875

Square

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



24.5730, 17.1303, 13.0777



14.1970, 17.1303, 4.7164



10.1033, 17.1303, 25.6204



18.5614, 17.1303, 47.7136

Rectangle

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



24.5730, 17.1303, 13.0777



19.4098, 17.1303, 5.0430



10.1033, 17.1303, 25.6204



13.5094, 17.1303, 46.2358

Sweetspot

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



24.5734, 17.1312, 13.0780



66.3272, 63.3245, 65.7597



27.9622, 18.1467, 46.2845



14.3006, 13.4638, 13.8676



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.



24.5734, 17.1312, 13.0780



40.4604, 25.1740, 15.2632



27.6007, 24.0030, 11.5672



9.0481, 9.0296, 9.6010



13.7413, 7.0703, 1.2583



0.4991, 0.2551, 0.1215

Inverse Universe

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



24.5734, 17.1312, 13.0780



40.4604, 25.1740, 15.2632



22.3896, 25.8414, 48.0635



9.0481, 9.0296, 9.6010



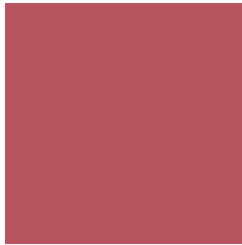
13.7413, 7.0703, 1.2583



0.4991, 0.2551, 0.1215

Previews

White Background



This preview shows how the XYZ color 24.5730, 17.1303, 13.0777 looks on a white background.

Color Contrast Check

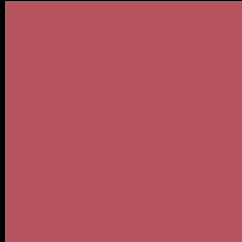
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5730, 17.1303, 13.0777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

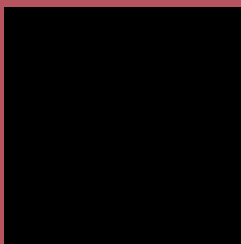
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.5730, 17.1303, 13.0777

Background



This preview shows how black text looks on a background with the XYZ color 24.5730, 17.1303, 13.0777.



This preview shows how white text looks on a background with the XYZ color 24.5730, 17.1303,

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

24.5730, 17.1303, 13.0777

Protanopia

16.5266, 17.2829, 17.7941

Deuteranopia

17.6079, 17.2925, 12.5350



Tritanopia

24.4282, 17.1974, 11.9295

Trichromacy



Original Color

24.5730, 17.1303, 13.0777

Protanomaly

18.5363, 16.6040, 15.8636

Deuteranomaly

19.5784, 16.7731, 12.5616

Tritanomaly

24.5157, 17.2324, 12.3900

Monochromacy



Original Color

24.5730, 17.1303, 13.0777

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.3045, 16.4723, 16.4021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5730, 17.1303, 13.0777 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(182, 84, 96)` looks like.

```
.text, #text, p{  
    color:rgb(182, 84, 96)  
}
```

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(182, 84, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 84, 96) }
```

Border

The CSS property to change the border of an element to XYZ 24.5730, 17.1303, 13.0777 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(182, 84, 96) }
```


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

```
.border{ border-color:rgb(182, 84, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 84, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 84, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 84, 96);  
box-shadow:4px 4px 4px 4px rgb(182, 84,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5730, 17.1303, 13.0777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 84, 96) }
```

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

```
.background{ background-color: rgb(182, 84,  
96) }
```

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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