

Converting Colors

XYZ(24.4452, 17.0779, 10.4327)

Have a look what the booklet for
XYZ(24.4452, 17.0779, 10.4327)
contains.

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Color

**XYZ(24.5377, 17.1711,
10.4086)**

Conversions

Conversions Part 1

Format	Color
Hex	B85454
RGB	184, 84, 84
RGB Percent	72%, 33%, 33%
CMY	0.2784, 0.6706, 0.6706
CMYK	0.00, 0.54, 0.54, 0.28
HSL	0°, 41%, 53%
HSV	0°, 54%, 72%
XYZ	24.5377, 17.1711, 10.4086
YIQ	113.9000, 59.6000, 21.2000

Conversions

Conversions Part 2

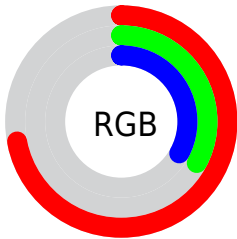
Format	Color
RYB	184, 84, 84
Decimal	12080212
CIELab	48.47, 40.46, 19.72
CIElCh	48, 45.011, 25.978
Yxy	17.1711, 0.4708, 0.3295
Android (android.graphics.Color)	4290270292 (0xFFB85454)
YUV	113.9000, -14.7407, 61.4777
Hunter-Lab	41.4380, 33.1830, 14.1139

Details

The XYZ color **24.5377, 17.1711, 10.4086** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.4472, 39.6240, 51.4433**, and the grayscale version is **15.9951, 16.8281, 18.3258**.

A 20% lighter version of the original color is **50.4155, 38.5626, 27.3404**, and **9.4869, 5.6151, 2.5033** is the 20% darker color. If you saturate the color by 10%, you get **22.6640, 14.4296, 6.6834**, and if you desaturate by 10%, it is **26.9765, 20.7402, 15.2563**.

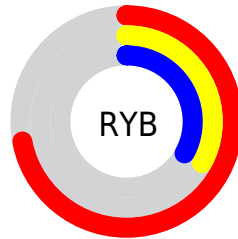
Distribution



Red (72%)

Green (33%)

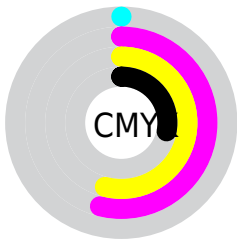
Blue (33%)



Red (72%)

Yellow (33%)

Blue (33%)

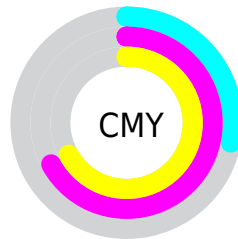


Cyan (0%)

Magenta (54%)

Yellow (54%)

Black (28%)



Cyan (28%)


Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.5377, 17.1711, 10.4086 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 24.5377, 17.1711, 10.4086 by changing the saturation by 10% instead.


 24.5377, 17.1711,
10.4086


 24.5377, 17.1711,
10.4086


267.9181,
236.1565, 204.1536


 15.8599, 10.3566,
5.5616


 50.3546, 38.6197,
27.1810


 9.5153, 5.6360,
2.5159


 68.2243, 54.0226,
39.9434


 5.1385, 2.6250,
0.8486

 89.8887, 73.0570,
56.1814

 2.3644, 0.9393,
0.0000

 115.7131, 96.1074,
76.3135

 0.8273, 0.0000,
0.0000

 146.0629,
123.5582, 100.7582

 0.0000, 0.0000,
0.0000

181.3034,

155.7936, 129.9341

221.8000,
193.1983, 164.2597

■ 24.5377, 17.1711,
10.4086

■ 24.5377, 17.1711,
10.4086

■ 22.6640, 14.4296,
6.6834

■ 26.9765, 20.7402,
15.2563

■ 21.3091, 12.4469,
3.9900

■ 30.0196, 25.1931,
21.3057

■ 20.4211, 11.1474,
2.2249

■ 33.7040, 30.5844,
28.6300

■ 19.9371, 10.4391,
1.2629

■ 38.0634, 36.9634,
37.2963

■ 19.7672, 10.1905,
0.9251

■ 43.1291, 44.3760,
47.3669

■ 48.9306, 52.8652,
58.9002

■ 55.4957, 62.4716,
71.9514

■ 62.8505, 73.2338,
86.5728

■ 71.0202, 85.1882,
102.8141

Harmonies

Analogous

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



25.5779, 17.1711, 20.3352



24.5377, 17.1711, 10.4086



21.1718, 17.1711, 5.4835

Triad

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



24.5377, 17.1711, 10.4086



10.5909, 17.1711, 8.6507



15.7707, 17.1711, 51.7338

Complementary

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



24.5377, 17.1711, 10.4086



29.4472, 39.6240, 51.4433

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.



12.2736, 17.1711, 44.5432



24.5377, 17.1711, 10.4086



9.6194, 17.1711, 17.1482

Square

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



24.5377, 17.1711, 10.4086



13.0877, 17.1711, 4.8099



10.1794, 17.1711, 30.5128



20.0464, 17.1711, 47.4458

Rectangle

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



24.5377, 17.1711, 10.4086



18.3184, 17.1711, 4.1847



10.1794, 17.1711, 30.5128



14.4736, 17.1711, 50.5199

Sweetspot

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



24.5381, 17.1720, 10.4089



67.3854, 64.6430, 64.3990



31.5891, 19.9917, 47.5410



14.1683, 13.4110, 13.1703



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.



24.5381, 17.1720, 10.4089



40.5924, 25.4369, 11.1363



29.8924, 27.8806, 12.1937



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.



29.4472, 39.6240, 51.4433



50.3997, 70.2921, 93.1160



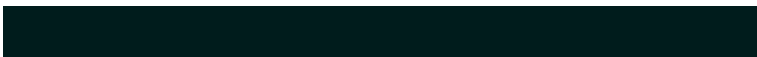
20.8330, 22.3958, 48.5719



9.2667, 10.2106, 11.5619



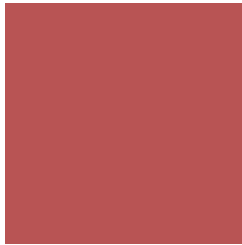
17.7744, 26.0084, 35.3364



0.6266, 0.9169, 1.2457

Previews

White Background



This preview shows how the XYZ color 24.5377, 17.1711, 10.4086 looks on a white background.

Color Contrast Check

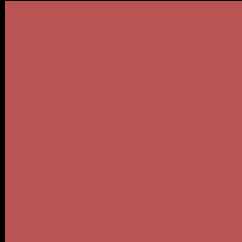
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5377, 17.1711, 10.4086 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 24.5377, 17.1711, 10.4086

Background



This preview shows how black text looks on a background with the XYZ color 24.5377, 17.1711, 10.4086.

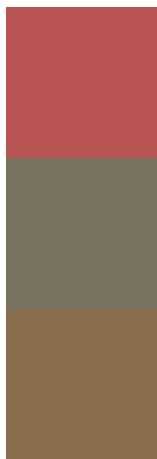


This preview shows how white text looks on a background with the XYZ color 24.5377, 17.1711,

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

24.5377, 17.1711, 10.4086

Protanopia

16.3614, 17.2809, 14.0285

Deuteranopia

17.5770, 17.3367, 9.8170



Tritanopia

24.6636, 17.0981, 11.4515

Trichromacy



Original Color

24.5377, 17.1711, 10.4086

Protanomaly

18.6032, 16.7107, 12.6009

Deuteranomaly

19.6565, 16.8700, 10.0048

Tritanomaly

24.5807, 17.0650, 11.0151

Monochromacy



Original Color

24.5377, 17.1711, 10.4086

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.9459, 16.1687, 15.0070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5377, 17.1711, 10.4086 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, 84, 84)` looks like.

```
.text, #text, p{  
    color:rgb(184, 84, 84)  
}
```

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, 84, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 84, 84) }
```

Border

The CSS property to change the border of an element to XYZ 24.5377, 17.1711, 10.4086 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, 84, 84) }
```


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

```
.border{ border-color:rgb(184, 84, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 84, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 84, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 84, 84);  
box-shadow:4px 4px 4px 4px rgb(184, 84,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5377, 17.1711, 10.4086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 84, 84) }
```

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

```
.background{ background-color: rgb(184, 84,  
84) }
```

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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