

Converting Colors

XYZ(24.1836, 17.7518, 8.6304)

Have a look what the booklet for
XYZ(24.1836, 17.7518, 8.6304)
contains.

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Color

**XYZ(24.1836, 17.7518,
8.6304)**

Conversions

Conversions Part 1

Format	Color
Hex	B65A4A
RGB	182, 90, 74
RGB Percent	71%, 35%, 29%
CMY	0.2863, 0.6470, 0.7098
CMYK	0.00, 0.51, 0.59, 0.29
HSL	9°, 43%, 50%
HSV	9°, 59%, 71%
XYZ	24.1836, 17.7518, 8.6304
YIQ	115.6840, 59.9680, 14.5280

Conversions

Conversions Part 2

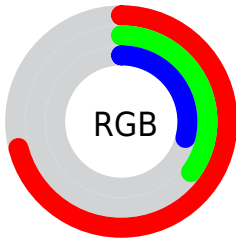
Format	Color
RYB	182, 93, 74
Decimal	11950666
CIELab	49.19, 35.83, 26.49
CIELCh	49, 44.556, 36.480
Yxy	17.7518, 0.4783, 0.3511
Android (android.graphics.Color)	4290140746 (0xFFB65A4A)
YUV	115.6840, -20.5502, 58.1591
Hunter-Lab	42.1329, 28.7236, 17.3482

Details

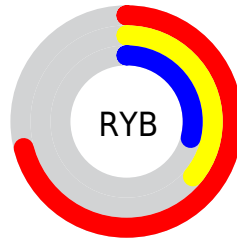
The XYZ color **24.1836, 17.7518, 8.6304** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **24.9029, 32.1039, 49.1399**, and the grayscale version is **16.5523, 17.4143, 18.9641**.

A 20% lighter version of the original color is **49.8661, 39.6533, 23.7645**, and **9.3053, 5.8964, 1.8760** is the 20% darker color. If you saturate the color by 10%, you get **22.4828, 15.1936, 5.4636**, and if you desaturate by 10%, it is **26.3354, 20.9283, 12.8229**.

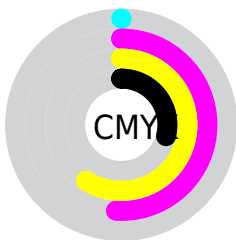
Distribution



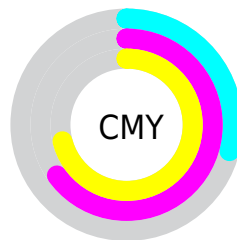
- Red (71%)
- Green (35%)
- Blue (29%)



- Red (71%)
- Yellow (36%)
- Blue (29%)



- Cyan (0%)
- Magenta (51%)
- Yellow (59%)
- Black (29%)



- Cyan (29%)
- Magenta (65%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1836, 17.7518, 8.6304 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 24.1836, 17.7518, 8.6304 by changing the saturation by 10% instead.

■ 24.1836, 17.7518,
8.6304

■ 24.1836, 17.7518,
8.6304

266.1707,
239.4683, 190.7117

■ 15.5953, 10.7719,
4.4074

■ 49.7821, 39.6139,
23.7516

■ 9.3273, 5.9137,
1.8514

■ 67.5231, 55.2650,
35.4868

■ 5.0141, 2.7927,
0.4615

■ 89.0458, 74.5753,
50.5632

■ 2.2904, 1.0245,
0.0000

■ 114.7154, 97.9291,
69.3994

■ 0.7897, 0.0000,
0.0000

■ 144.8973,
125.7110, 92.4137

■ 0.0000, 0.0000,
0.0000

179.9569,

158.3052, 120.0249

220.2596,
196.0962, 152.6513

■ 24.1836, 17.7518,
8.6304

■ 24.1836, 17.7518,
8.6304

■ 22.4828, 15.1936,
5.4636

■ 26.3354, 20.9283,
12.8229

■ 21.1987, 13.2103,
3.2327

■ 28.9664, 24.7571,
18.1184

■ 20.2944, 11.7576,
1.8340

■ 32.1040, 29.2729,
24.5882

■ 19.7130, 10.7779,
1.0758

■ 35.7732, 34.5074,
32.2970

■ 19.6826, 10.7276,
1.0332

■ 39.9971, 40.4900,
41.3050

■ 44.7977, 47.2487,
51.6682

■ 50.1956, 54.8098,
63.4396

■ 56.2105, 63.1988,
76.6692

■ 62.8612, 72.4395,
91.4045

Harmonies

Analogous

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



26.1696, 17.7518, 16.8488



24.1836, 17.7518, 8.6304



20.2823, 17.7518, 4.9850

Triad

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



24.1836, 17.7518, 8.6304



10.5315, 17.7518, 11.5305



17.7947, 17.7518, 52.3439

Complementary

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



24.1836, 17.7518, 8.6304



24.9029, 32.1039, 49.1399

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.



13.8681, 17.7518, 48.9934



24.1836, 17.7518, 8.6304



10.0883, 17.7518, 22.0407

Square

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



24.1836, 17.7518, 8.6304



12.5365, 17.7518, 6.1117



11.2070, 17.7518, 36.4686



22.1083, 17.7518, 44.3271

Rectangle

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



24.1836, 17.7518, 8.6304



17.3701, 17.7518, 4.2664



11.2070, 17.7518, 36.4686



16.3846, 17.7518, 52.5453

Sweetspot

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



24.1840, 17.7527, 8.6307



65.6023, 63.6212, 60.1345



28.7708, 17.6550, 38.7420



14.0330, 13.4030, 12.3159



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.



24.1840, 17.7527, 8.6307



40.0207, 26.4139, 8.5825



30.2600, 29.9048, 10.6561



9.1092, 9.2213, 9.4067



13.9308, 7.6379, 0.7400



0.5254, 0.3378, 0.0375

Inverse Universe

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



24.9029, 32.1039, 49.1399



41.3391, 54.5660, 88.5892



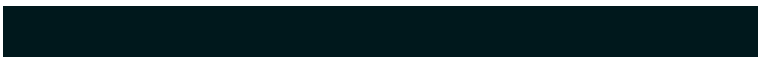
17.2399, 16.7780, 46.5856



9.1502, 9.9777, 11.5231



14.2817, 19.0232, 34.1722



0.5346, 0.7330, 1.2150

Previews

White Background



This preview shows how the XYZ color 24.1836, 17.7518, 8.6304 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 24.1836, 17.7518, 8.6304 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 24.1836, 17.7518, 8.6304

Background



This preview shows how black text looks on a background with the XYZ color 24.1836, 17.7518, 8.6304.



This preview shows how white text looks on a background with the XYZ color 24.1836, 17.7518,

8.6304.

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

24.1836, 17.7518, 8.6304

Protanopia

16.6052, 17.8141, 11.1576

Deuteranopia

18.2274, 17.8702, 8.2830



Tritanopia

24.9124, 17.6740, 12.4543

Trichromacy



Original Color

24.1836, 17.7518, 8.6304

Protanomaly

18.5970, 17.2205, 10.1283

Deuteranomaly

19.9923, 17.5237, 8.2899

Tritanomaly

24.6979, 17.7186, 10.9224

Monochromacy



Original Color

24.1836, 17.7518, 8.6304

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.4219, 17.0304, 14.6282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1836, 17.7518, 8.6304 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, 90, 74)` looks like.

```
.text, #text, p{  
    color:rgb(182, 90, 74)  
}
```

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, 90, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 90, 74) }
```

Border

The CSS property to change the border of an element to XYZ 24.1836, 17.7518, 8.6304 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, 90, 74) }
```


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

```
.border{ border-color:rgb(182, 90, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 90, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 90, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 90, 74);  
box-shadow:4px 4px 4px 4px rgb(182, 90,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1836, 17.7518, 8.6304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 90, 74) }
```

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

```
.background{ background-color: rgb(182, 90,  
74) }
```

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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