

Converting Colors

XYZ(24.9189, 17.6507, 9.0739)

Have a look what the booklet for
XYZ(24.9189, 17.6507, 9.0739)
contains.

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Color

**XYZ(24.9170, 17.6305,
9.1109)**

Conversions

Conversions Part 1

Format	Color
Hex	BA564D
RGB	186, 86, 77
RGB Percent	73%, 34%, 30%
CMY	0.2706, 0.6627, 0.6980
CMYK	0.00, 0.54, 0.59, 0.27
HSL	5°, 44%, 52%
HSV	5°, 59%, 73%
XYZ	24.9170, 17.6305, 9.1109
YIQ	114.8740, 62.4890, 18.4010

Conversions

Conversions Part 2

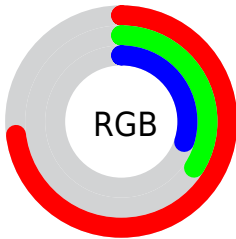
Format	Color
RYB	186, 87, 77
Decimal	12211789
CIELab	49.04, 39.64, 24.67
CIElCh	49, 46.688, 31.896
Yxy	17.6305, 0.4823, 0.3413
Android (android.graphics.Color)	4290401869 (0xFFBA564D)
YUV	114.8740, -18.6719, 62.3775
Hunter-Lab	41.9887, 32.4456, 16.5271

Details

The XYZ color **24.9170, 17.6305, 9.1109** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **27.6444, 36.5647, 52.0547**, and the grayscale version is **16.2996, 17.1485, 18.6747**.

A 20% lighter version of the original color is **50.8604, 39.2761, 24.6391**, and **9.7776, 5.9011, 2.0625** is the 20% darker color. If you saturate the color by 10%, you get **23.1481, 14.9979, 5.7315**, and if you desaturate by 10%, it is **27.1997, 20.9905, 13.5882**.

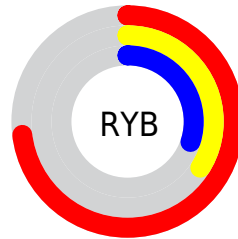
Distribution



Red (73%)

Green (34%)

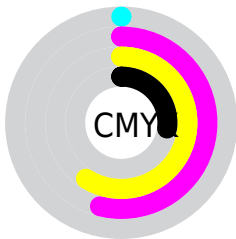
Blue (30%)



Red (73%)

Yellow (34%)

Blue (30%)

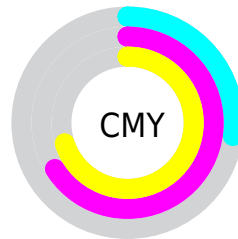


Cyan (0%)

Magenta (54%)

Yellow (59%)

Black (27%)



Cyan (27%)

Magenta (66%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9170, 17.6305, 9.1109 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 24.9170, 17.6305, 9.1109 by changing the saturation by 10% instead.

■ 24.9170, 17.6305,
9.1109

■ 24.9170, 17.6305,
9.1109

269.7796,
238.7800, 194.4515

■ 16.1436, 10.6850,
4.7158

■ 50.9664, 39.4067,
24.6903

■ 9.7173, 5.8555,
2.0257

■ 68.9731, 55.0062,
36.7117

■ 5.2728, 2.7574,
0.5710

■ 90.7884, 74.2592,
52.1122

■ 2.4446, 1.0064,
0.0000

■ 116.7775, 97.5500,
71.3105

■ 0.8674, 0.0000,
0.0000

■ 147.3058,
125.2632, 94.7250

■ 0.0000, 0.0000,
0.0000

182.7387,

157.7829, 122.7743

223.4415,
195.4938, 155.8770

■ 24.9170, 17.6305,
9.1109

■ 24.9170, 17.6305,
9.1109

■ 23.1481, 14.9979,
5.7315

■ 27.1997, 20.9905,
13.5882

■ 21.8518, 13.0362,
3.3543

■ 30.0307, 25.1234,
19.2460

■ 20.9824, 11.6852,
1.8688

■ 33.4429, 30.0740,
26.1603

■ 20.4761, 10.8694,
1.0935

■ 37.4664, 35.8832,
34.4004

■ 20.4256, 10.7912,
1.0064

■ 42.1291, 42.5890,
44.0304

■ 47.4572, 50.2271,
55.1105

■ 53.4753, 58.8314,
67.6970

■ 60.2070, 68.4338,
81.8436

■ 67.6746, 79.0652,
97.6011

Harmonies

Analogous

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



26.5940, 17.6305, 18.4144



24.9170, 17.6305, 9.1109



21.0184, 17.6305, 4.8638

Triad

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



24.9170, 17.6305, 9.1109



10.4044, 17.6305, 9.9725



17.0357, 17.6305, 54.5120

Complementary

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



24.9170, 17.6305, 9.1109



27.6444, 36.5647, 52.0547

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.



13.1149, 17.6305, 49.0620



24.9170, 17.6305, 9.1109



9.7056, 17.6305, 20.0007

Square

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



24.9170, 17.6305, 9.1109



12.7118, 17.6305, 5.1883



10.6073, 17.6305, 34.8554



21.5812, 17.6305, 47.5944

Rectangle

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



24.9170, 17.6305, 9.1109



17.9654, 17.6305, 3.8995



10.6073, 17.6305, 34.8554



15.6046, 17.6305, 54.0594

Sweetspot

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



24.9174, 17.6314, 9.1112



68.1502, 65.3860, 62.8458



31.0132, 18.9907, 44.5373



14.5093, 13.6804, 12.8152



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



24.9174, 17.6314, 9.1112



41.2785, 26.1639, 9.1215



30.7880, 29.3726, 11.0681



9.0627, 9.1283, 9.3912



13.7654, 7.3072, 0.6849



0.5054, 0.2979, 0.0309

Inverse Universe

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



27.6444, 36.5647, 52.0547



46.5970, 63.4482, 93.9922



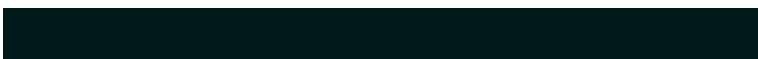
19.1604, 19.5968, 49.2267



9.2015, 10.0802, 11.5401



15.7399, 21.9395, 34.6582



0.5737, 0.8111, 1.2281

Previews

White Background



This preview shows how the XYZ color 24.9170, 17.6305, 9.1109 looks on a white background.

Color Contrast Check

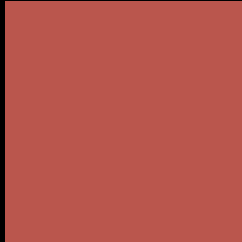
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9170, 17.6305, 9.1109 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 24.9170, 17.6305, 9.1109

Background



This preview shows how black text looks on a background with the XYZ color 24.9170, 17.6305, 9.1109.



This preview shows how white text looks on a background with the XYZ color 24.9170, 17.6305,

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

24.9170, 17.6305, 9.1109

Protanopia

16.6642, 17.8207, 12.2343

Deuteranopia

18.1192, 17.8070, 8.6130



Tritanopia

25.5093, 17.6436, 11.7339

Trichromacy



Original Color

24.9170, 17.6305, 9.1109

Protanomaly

18.8263, 17.1670, 10.9156

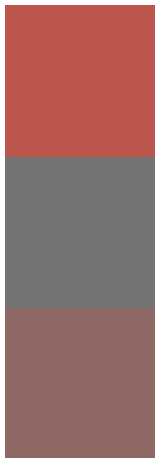
Deuteranomaly

20.1868, 17.4640, 8.7855

Tritanomaly

25.3817, 17.7177, 10.6764

Monochromacy



Original Color

24.9170, 17.6305, 9.1109

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.2838, 16.5029, 14.5336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9170, 17.6305, 9.1109 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(186, 86, 77)` looks like.

```
.text, #text, p{  
    color:rgb(186, 86, 77)  
}
```

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(186, 86, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 86, 77) }
```

Border

The CSS property to change the border of an element to XYZ 24.9170, 17.6305, 9.1109 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(186, 86, 77) }
```


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

```
.border{ border-color:rgb(186, 86, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 86, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 86, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 86, 77);  
box-shadow:4px 4px 4px 4px rgb(186, 86,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9170, 17.6305, 9.1109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 86, 77) }
```

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

```
.background{ background-color: rgb(186, 86,  
77) }
```

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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