

Converting Colors

XYZ(24.9211, 17.2781, 4.2120)

Have a look what the booklet for
XYZ(24.9211, 17.2781, 4.2120)
contains.

XYZ(24.9211, 17.2781, 4.2120)	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(24.9211, 17.2781,
4.2120)**

Conversions

Conversions Part 1

Format	Color
Hex	BF522A
RGB	191, 82, 42
RGB Percent	75%, 32%, 16%
CMY	0.2510, 0.6784, 0.8353
CMYK	0.00, 0.57, 0.78, 0.25
HSL	16°, 64%, 46%
HSV	16°, 78%, 75%
XYZ	24.9211, 17.2781, 4.2120
YIQ	110.0310, 77.8040, 10.6680

Conversions

Conversions Part 2

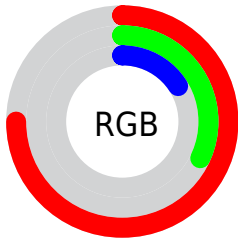
Format	Color
R_{YB}	191, 97, 42
Decimal	12538410
CIE _{Lab}	48.61, 41.54, 43.75
CIE _{LCh}	49, 60.330, 46.489
Yxy	17.2781, 0.5370, 0.3723
Android (android.graphics.Color)	4290728490 (0xFFBF522A)
YUV	110.0310, -33.5393, 71.0098
Hunter-Lab	41.5669, 34.2760, 23.0890

Details

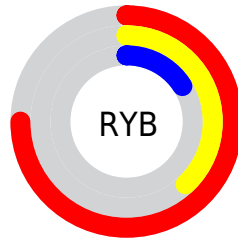
The XYZ color **24.9211, 17.2781, 4.2120** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **21.4245, 26.3852, 53.2537**, and the grayscale version is **14.9081, 15.6845, 17.0804**.

A 20% lighter version of the original color is **50.8786, 38.6710, 14.4555**, and **9.8243, 5.7538, 0.5928** is the 20% darker color. If you saturate the color by 10%, you get **23.7087, 15.2762, 2.5045**, and if you desaturate by 10%, it is **26.5117, 19.7761, 6.8490**.

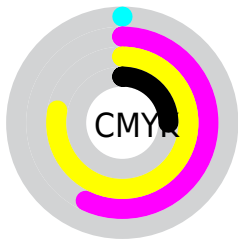
Distribution



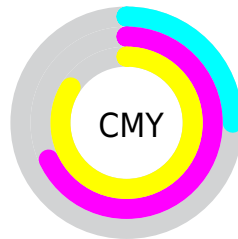
- Red (75%)
- Green (32%)
- Blue (16%)



- Red (75%)
- Yellow (38%)
- Blue (16%)



- Cyan (0%)
- Magenta (57%)
- Yellow (78%)
- Black (25%)





- Cyan (25%)
- Magenta (68%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9211, 17.2781, 4.2120 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 24.9211, 17.2781, 4.2120 by changing the saturation by 10% instead.


 24.9211, 17.2781,
4.2120


 24.9211, 17.2781,
4.2120


269.7997,
236.7699, 150.5534


 16.1467, 10.4330,
1.7424


 50.9730, 38.8033,
14.4958


 9.7195, 5.6870,
0.3895


 68.9812, 54.2522,
23.1471


 5.2742, 2.6557,
0.0000

 90.7981, 73.3377,
34.6959

 2.4454, 0.9547,
0.0000

 116.7890, 96.4444,
49.5609

 0.8678, 0.0000,
0.0000

 147.3192,
123.9566, 68.1607

 0.0000, 0.0000,
0.0000

 182.7542,

156.2586, 90.9136

223.4592,
193.7349, 118.2383

■ 24.9211, 17.2781,
4.2120

■ 24.9211, 17.2781,
4.2120

■ 23.7087, 15.2762,
2.5045

■ 26.5117, 19.7761,
6.8490

■ 22.8287, 13.7289,
1.5559

■ 28.5117, 22.7996,
10.5265

■ 22.6820, 13.4687,
1.4043

■ 30.9502, 26.3786,
15.3403

■ 33.8529, 30.5403,
21.3754

■ 37.2435, 35.3096,
28.7083

■ 41.1441, 40.7102,
37.4093

■ 45.5753, 46.7643,
47.5437

■ 50.5565, 53.4933,
59.1724

■ 56.1061, 60.9172,
72.3530

Harmonies

Analogous

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



28.9294, 17.2781, 11.4025



24.9211, 17.2781, 4.2120



19.0442, 17.2781, 1.9959

Triad

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



24.9211, 17.2781, 4.2120



8.0772, 17.2781, 12.5371



19.6417, 17.2781, 65.9781

Complementary

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



24.9211, 17.2781, 4.2120



21.4245, 26.3852, 53.2537

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.



14.0528, 17.2781, 66.9317



24.9211, 17.2781, 4.2120



8.1670, 17.2781, 28.8906

Square

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



24.9211, 17.2781, 4.2120



9.8343, 17.2781, 4.6399



10.1156, 17.2781, 50.8284



25.4426, 17.2781, 48.6805

Rectangle

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



24.9211, 17.2781, 4.2120



15.2454, 17.2781, 1.8537



10.1156, 17.2781, 50.8284



17.6583, 17.2781, 68.4583

Sweetspot

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



24.9215, 17.2791, 4.2123



69.8333, 67.5905, 58.3446



27.9214, 14.9754, 30.8108



14.7899, 14.0854, 11.6041



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



24.9215, 17.2791, 4.2123



41.2391, 25.2173, 3.1399



33.8314, 35.0988, 7.1822



9.7330, 9.9420, 9.9826



14.9642, 8.9672, 0.9421



0.6423, 0.4635, 0.0556

Inverse Universe

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



21.4245, 26.3852, 53.2537



34.3697, 41.5027, 94.4785



12.9965, 9.5291, 50.4443



9.5860, 10.3643, 12.1675



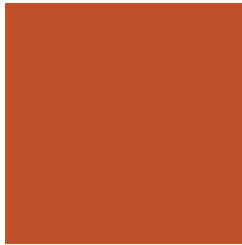
12.3854, 14.8825, 34.6127



0.5364, 0.6854, 1.3729

Previews

White Background



This preview shows how the XYZ color 24.9211, 17.2781, 4.2120 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



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 24.9211, 17.2781, 4.2120

Background



This preview shows how black text looks on a background with the XYZ color 24.9211, 17.2781, 4.2120.



This preview shows how white text looks on a background with the XYZ color 24.9211, 17.2781,

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

24.9211, 17.2781, 4.2120

Protanopia

15.9185, 17.4058, 5.7695

Deuteranopia

17.7187, 17.3783, 3.9339



Tritanopia

26.1692, 17.2544, 9.9338

Trichromacy



Original Color

24.9211, 17.2781, 4.2120

Protanomaly

18.4327, 16.7894, 5.0655

Deuteranomaly

19.7914, 16.9293, 3.9748

Tritanomaly

25.5473, 17.2037, 7.2843

Monochromacy



Original Color

24.9211, 17.2781, 4.2120

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

16.8443, 15.2592, 10.6519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9211, 17.2781, 4.2120 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(191, 82, 42)` looks like.

```
.text, #text, p{  
    color:rgb(191, 82, 42)  
}
```

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(191, 82, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 82, 42) }
```

Border

The CSS property to change the border of an element to XYZ 24.9211, 17.2781, 4.2120 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(191, 82, 42) }
```


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

```
.border{ border-color:rgb(191, 82, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 82, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 82, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 82, 42);  
box-shadow:4px 4px 4px 4px rgb(191, 82,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9211, 17.2781, 4.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 82, 42) }
```

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

```
.background{ background-color: rgb(191, 82,  
42) }
```

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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