

Converting Colors

XYZ(20.5207, 15.4600, 8.2059)

Have a look what the booklet for
XYZ(20.5207, 15.4600, 8.2059)
contains.

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Color

**XYZ(20.5471, 15.5129,
8.2147)**

Conversions

Conversions Part 1

Format	Color
Hex	A75749
RGB	167, 87, 73
RGB Percent	65%, 34%, 29%
CMY	0.3451, 0.6588, 0.7137
CMYK	0.00, 0.48, 0.56, 0.35
HSL	9°, 39%, 47%
HSV	9°, 56%, 65%
XYZ	20.5471, 15.5129, 8.2147
YIQ	109.3240, 52.1740, 12.6060

Conversions

Conversions Part 2

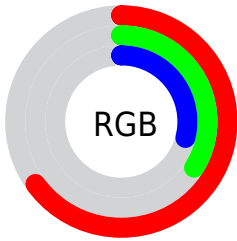
Format	Color
RYB	167, 89, 73
Decimal	10966857
CIELab	46.33, 31.42, 22.95
CIElCh	46, 38.914, 36.146
Yxy	15.5129, 0.4641, 0.3504
Android (android.graphics.Color)	4289156937 (0xFFA75749)
YUV	109.3240, -17.9077, 50.5819
Hunter-Lab	39.3864, 24.1936, 15.2046

Details

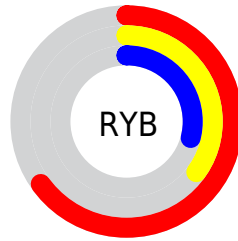
The XYZ color **20.5471, 15.5129, 8.2147** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **21.1132, 26.9874, 40.6553**, and the grayscale version is **14.6673, 15.4311, 16.8045**.

A 20% lighter version of the original color is **43.6527, 35.5897, 22.9811**, and **7.4704, 4.8544, 1.7057** is the 20% darker color. If you saturate the color by 10%, you get **19.0264, 13.2419, 5.3332**, and if you desaturate by 10%, it is **22.4438, 18.2981, 11.9552**.

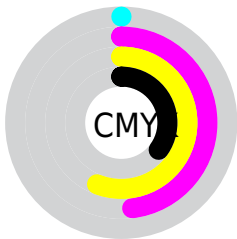
Distribution



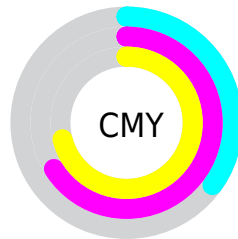
- Red (65%)
- Green (34%)
- Blue (29%)



- Red (65%)
- Yellow (35%)
- Blue (29%)



- Cyan (0%)
- Magenta (48%)
- Yellow (56%)
- Black (35%)



- Cyan (35%)
- Magenta (66%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5471, 15.5129, 8.2147 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 20.5471, 15.5129, 8.2147 by changing the saturation by 10% instead.

■ 20.5471, 15.5129,
8.2147

■ 20.5471, 15.5129,
8.2147

247.6392,
226.4500, 187.4035

■ 12.9039, 9.1801,
4.1429

■ 43.8295, 35.7505,
22.9314

■ 7.4390, 4.8589,
1.7041

■ 60.1995, 50.4241,
34.4133

■ 3.7869, 2.1647,
0.3635

■ 80.2091, 68.6468,
49.2024

■ 1.5823, 0.7006,
0.0000

■ 104.2237, 90.8029,
67.7171

■ 0.3808, 0.0000,
0.0000

■ 132.6087,
117.2769, 90.3760

■ 0.0000, 0.0000,
0.0000

165.7293,

148.4532, 117.5977

203.9511,
184.7161, 149.8007

■ 20.5471, 15.5129,
8.2147

■ 20.5471, 15.5129,
8.2147

■ 19.0264, 13.2419,
5.3332

■ 22.4438, 18.2981,
11.9552

■ 17.8550, 11.4510,
3.2413

■ 24.7384, 21.6240,
16.6152

■ 17.0044, 10.1059,
1.8598

■ 27.4527, 25.5179,
22.2505

■ 16.4385, 9.1656,
1.0808

■ 30.6062, 30.0050,
28.9124

■ 16.2813, 8.9056,
0.8608

■ 34.2174, 35.1086,
36.6484

■ 38.3038, 40.8509,
45.5032

■ 42.8817, 47.2529,
55.5189

■ 47.9669, 54.3348,
66.7353

■ 53.5743, 62.1157,
79.1905

Harmonies

Analogous

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



22.0763, 15.5129, 15.0014



20.5471, 15.5129, 8.2147



17.4903, 15.5129, 5.0532

Triad

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



20.5471, 15.5129, 8.2147



9.6267, 15.5129, 10.5040



15.4413, 15.5129, 42.4916

Complementary

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



20.5471, 15.5129, 8.2147



21.1132, 26.9874, 40.6553

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.



12.3023, 15.5129, 39.8445



20.5471, 15.5129, 8.2147



9.2477, 15.5129, 18.9328

Square

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



20.5471, 15.5129, 8.2147



11.2790, 15.5129, 5.9840



10.1523, 15.5129, 30.1908



18.8559, 15.5129, 36.4634

Rectangle

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



20.5471, 15.5129, 8.2147



15.1793, 15.5129, 4.4010



10.1523, 15.5129, 30.1908



14.3181, 15.5129, 42.6101

Sweetspot

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



20.5475, 15.5137, 8.2150



54.2004, 52.8670, 50.4756



24.1905, 15.3293, 32.4597



11.8768, 11.4725, 10.7603



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



20.5475, 15.5137, 8.2150



33.3948, 22.6844, 8.3074



25.4626, 25.3440, 9.8534



7.6180, 7.7160, 7.8771



12.4822, 6.8617, 0.6666



0.3297, 0.2189, 0.0249

Inverse Universe

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



21.1132, 26.9874, 40.6553



34.4401, 45.2120, 72.3869



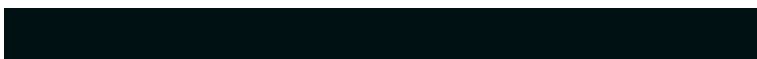
15.0293, 14.8196, 38.6273



7.6509, 8.3388, 9.6246



12.7810, 17.0223, 30.5875



0.3359, 0.4641, 0.7525

Previews

White Background



This preview shows how the XYZ color 20.5471, 15.5129, 8.2147 looks on a white background.

Color Contrast Check

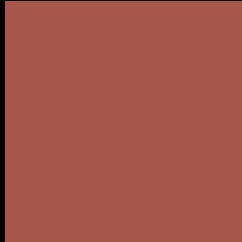
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5471, 15.5129, 8.2147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

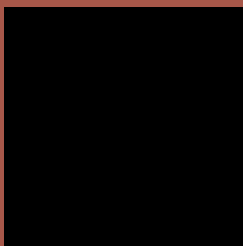
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.5471, 15.5129, 8.2147

Background



This preview shows how black text looks on a background with the XYZ color 20.5471, 15.5129, 8.2147.



This preview shows how white text looks on a background with the XYZ color 20.5471, 15.5129,

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

20.5471, 15.5129, 8.2147

Protanopia

14.6085, 15.6279, 10.4302

Deuteranopia

15.8299, 15.5319, 7.9580



Tritanopia

21.2853, 15.5772, 11.7824

Trichromacy



Original Color

20.5471, 15.5129, 8.2147

Protanomaly

16.3160, 15.3015, 9.4907

Deuteranomaly

17.1821, 15.2100, 7.9915

Tritanomaly

21.0765, 15.6205, 10.2917

Monochromacy



Original Color

20.5471, 15.5129, 8.2147

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.9709, 14.8977, 13.1001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5471, 15.5129, 8.2147 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(167, 87, 73)` looks like.

```
.text, #text, p{  
    color:rgb(167, 87, 73)  
}
```

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(167, 87, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 87, 73) }
```

Border

The CSS property to change the border of an element to XYZ 20.5471, 15.5129, 8.2147 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(167, 87, 73) }
```


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

```
.border{ border-color:rgb(167, 87, 73) }
```

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

Here you see how a box with a 4 pixel rgb(167, 87, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 87, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 87, 73);  
box-shadow:4px 4px 4px 4px rgb(167, 87,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5471, 15.5129, 8.2147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 87, 73) }
```

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

```
.background{ background-color: rgb(167, 87,  
73) }
```

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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