

Converting Colors

XYZ(19.6513, 15.0071, 8.7150)

Have a look what the booklet for
XYZ(19.6513, 15.0071, 8.7150)
contains.

XYZ(19.6130, 15.0196, 8.7028)	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(19.6130, 15.0196,
8.7028)**

Conversions

Conversions Part 1

Format	Color
Hex	A2574C
RGB	162, 87, 76
RGB Percent	64%, 34%, 30%
CMY	0.3647, 0.6588, 0.7020
CMYK	0.00, 0.46, 0.53, 0.36
HSL	8°, 36%, 47%
HSV	8°, 53%, 64%
XYZ	19.6130, 15.0196, 8.7028
YIQ	108.1710, 48.2310, 12.4790

Conversions

Conversions Part 2

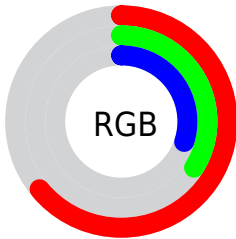
Format	Color
R _Y B	162, 89, 76
Decimal	10639180
CIE Lab	45.66, 29.68, 20.16
CIE LCh	46, 35.883, 34.183
Yxy	15.0196, 0.4526, 0.3466
Android (android.graphics.Color)	4288829260 (0xFFA2574C)
YUV	108.1710, -15.8603, 47.2080
Hunter-Lab	38.7551, 22.5129, 13.8145

Details

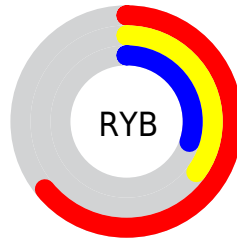
The XYZ color **19.6130, 15.0196, 8.7028** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **20.5680, 26.2768, 38.1702**, and the grayscale version is **14.3360, 15.0825, 16.4249**.

A 20% lighter version of the original color is **42.3054, 34.8733, 23.9035**, and **6.9301, 4.6195, 1.8929** is the 20% darker color. If you saturate the color by 10%, you get **18.0851, 12.7546, 5.7561**, and if you desaturate by 10%, it is **21.5073, 17.7906, 12.4716**.

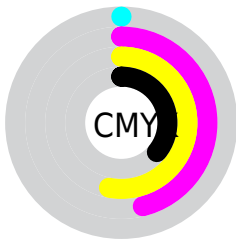
Distribution



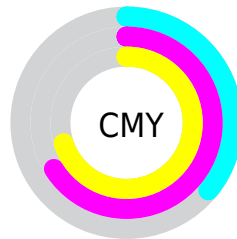
- Red (64%)
- Green (34%)
- Blue (30%)



- Red (64%)
- Yellow (35%)
- Blue (30%)



- Cyan (0%)
- Magenta (46%)
- Yellow (53%)
- Black (36%)



- Cyan (36%)
- Magenta (66%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6130, 15.0196, 8.7028 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 19.6130, 15.0196, 8.7028 by changing the saturation by 10% instead.

■ 19.6130, 15.0196,
8.7028

■ 19.6130, 15.0196,
8.7028

242.6860,
223.4848, 191.2808

■ 12.2207, 8.8331,
4.4537

■ 42.2763, 34.8876,
23.8936

■ 6.9674, 4.6325,
1.8774

■ 58.2780, 49.3379,
35.6724

■ 3.4879, 2.0333,
0.4783

■ 77.8802, 67.3115,
50.7982

■ 1.4167, 0.6267,
0.0000

■ 101.4482, 89.1930,
69.6895

■ 0.2681, 0.0000,
0.0000

■ 129.3474,
115.3667, 92.7649

■ 0.0000, 0.0000,
0.0000

161.9433,

146.2170, 120.4429

199.6010,
182.1282, 153.1420

■ 19.6130, 15.0196,
8.7028

■ 19.6130, 15.0196,
8.7028

■ 18.0851, 12.7546,
5.7561

■ 21.5073, 17.7906,
12.4716

■ 16.8986, 10.9626,
3.5690

■ 23.7887, 21.0933,
17.1170

■ 16.0268, 9.6106,
2.0717

■ 26.4777, 24.9543,
22.6896

■ 15.4388, 8.6599,
1.1805

■ 29.5928, 29.3979,
29.2362

■ 15.1635, 8.2078,
0.7851

■ 33.1517, 34.4468,
36.8001

■ 37.1707, 40.1228,
45.4223

■ 41.6657, 46.4462,
55.1413

■ 46.6515, 53.4366,
65.9938

■ 52.1424, 61.1128,
78.0148

Harmonies

Analogous

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



20.8537, 15.0196, 15.1753



19.6130, 15.0196, 8.7028



16.9447, 15.0196, 5.5176

Triad

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



19.6130, 15.0196, 8.7028



9.6777, 15.0196, 10.1503



14.7016, 15.0196, 39.0525

Complementary

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



19.6130, 15.0196, 8.7028



20.5680, 26.2768, 38.1702

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.



11.9028, 15.0196, 36.2484



19.6130, 15.0196, 8.7028



9.2506, 15.0196, 17.5917

Square

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



19.6130, 15.0196, 8.7028



11.2673, 15.0196, 6.1240



10.0068, 15.0196, 27.5335



17.7769, 15.0196, 34.2335

Rectangle

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



19.6130, 15.0196, 8.7028



14.8697, 15.0196, 4.7922



10.0068, 15.0196, 27.5335



13.6977, 15.0196, 38.9790

Sweetspot

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



19.6134, 15.0204, 8.7031



51.8174, 50.6556, 49.0534



23.1495, 15.1162, 31.3890



11.3876, 11.0200, 10.4905



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



19.6134, 15.0204, 8.7031



32.3226, 22.3911, 9.4912



24.0594, 23.9125, 10.1851



7.1435, 7.2253, 7.3982



11.9650, 6.5039, 0.6247



0.2715, 0.1767, 0.0198

Inverse Universe

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



20.5680, 26.2768, 38.1702



34.1979, 45.0051, 68.9406



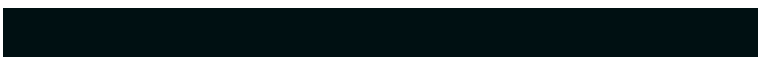
14.9672, 15.0754, 36.3033



7.1985, 7.8559, 9.0400



12.6951, 17.1697, 29.5748



0.2869, 0.4010, 0.6281

Previews

White Background



This preview shows how the XYZ color 19.6130, 15.0196, 8.7028 looks on a white background.

Color Contrast Check

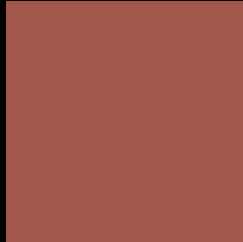
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6130, 15.0196, 8.7028 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 19.6130, 15.0196, 8.7028

Background



This preview shows how black text looks on a background with the XYZ color 19.6130, 15.0196, 8.7028.



This preview shows how white text looks on a background with the XYZ color 19.6130, 15.0196,

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

19.6130, 15.0196, 8.7028

Protanopia

14.2047, 15.0940, 10.7591

Deuteranopia

15.3588, 15.1275, 8.4137



Tritanopia

20.2411, 15.0389, 11.7335

Trichromacy



Original Color

19.6130, 15.0196, 8.7028

Protanomaly

15.7530, 14.7101, 9.9917

Deuteranomaly

16.7590, 14.9806, 8.4868

Tritanomaly

20.1118, 15.1140, 10.6614

Monochromacy



Original Color

19.6130, 15.0196, 8.7028

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.5706, 14.5481, 13.0537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6130, 15.0196, 8.7028 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(162, 87, 76)` looks like.

```
.text, #text, p{  
    color:rgb(162, 87, 76)  
}
```

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(162, 87, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 87, 76) }
```

Border

The CSS property to change the border of an element to XYZ 19.6130, 15.0196, 8.7028 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(162, 87, 76) }
```


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

```
.border{ border-color:rgb(162, 87, 76) }
```

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

Here you see how a box with a 4 pixel rgb(162, 87, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 87, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 87, 76);  
box-shadow:4px 4px 4px 4px rgb(162, 87,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6130, 15.0196, 8.7028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 87, 76) }
```

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

```
.background{ background-color: rgb(162, 87,  
76) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor