

Converting Colors

XYZ(20.6218, 18.1469, 8.5467)

Have a look what the booklet for
XYZ(20.6218, 18.1469, 8.5467)
contains.

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Color

**XYZ(20.6218, 18.1469,
8.5467)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6A48
RGB	159, 106, 72
RGB Percent	62%, 42%, 28%
CMY	0.3765, 0.5843, 0.7176
CMYK	0.00, 0.33, 0.55, 0.38
HSL	23°, 38%, 45%
HSV	23°, 55%, 62%
XYZ	20.6218, 18.1469, 8.5467
YIQ	117.9710, 42.5020, 0.6620

Conversions

Conversions Part 2

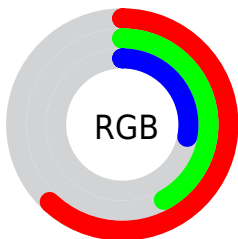
Format	Color
RYB	159, 128, 72
Decimal	10447432
CIELab	49.67, 17.37, 27.60
CIELCh	50, 32.608, 57.815
Yxy	18.1469, 0.4358, 0.3835
Android (android.graphics.Color)	4288637512 (0xFF9F6A48)
YUV	117.9710, -22.6637, 35.9824
Hunter-Lab	42.5992, 11.8614, 17.9240

Details

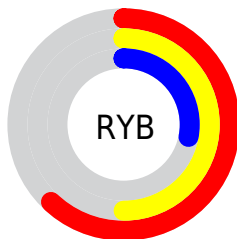
The XYZ color **20.6218, 18.1469, 8.5467** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **16.2637, 18.5472, 35.5235**, and the grayscale version is **17.2706, 18.1701, 19.7872**.

A 20% lighter version of the original color is **43.9970, 40.4331, 23.5746**, and **7.4198, 6.0483, 1.8133** is the 20% darker color. If you saturate the color by 10%, you get **19.2263, 16.0815, 5.8451**, and if you desaturate by 10%, it is **22.2651, 20.4933, 11.9931**.

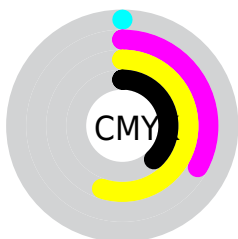
Distribution



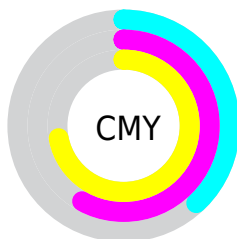
- Red (62%)
- Green (42%)
- Blue (28%)



- Red (62%)
- Yellow (50%)
- Blue (28%)



- Cyan (0%)
- Magenta (33%)
- Yellow (55%)
- Black (38%)



- Cyan (38%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6218, 18.1469, 8.5467 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 20.6218, 18.1469, 8.5467 by changing the saturation by 10% instead.

■ 20.6218, 18.1469,
8.5467

■ 20.6218, 18.1469,
8.5467

248.0316,
241.6977, 190.0512

■ 12.9587, 11.0555,
4.3540

■ 43.9533, 40.2875,
23.5870

■ 7.4769, 6.1042,
1.8215

■ 60.3524, 56.1055,
35.2717

■ 3.8111, 2.9085,
0.4421

■ 80.3942, 75.6011,
50.2908

■ 1.5958, 1.0842,
0.0000

■ 104.4441, 99.1587,
69.0629

■ 0.3897, 0.0000,
0.0000

■ 132.8675,
127.1629, 92.0064

■ 0.0000, 0.0000,
0.0000

166.0296,

159.9978, 119.5399

204.2959,
198.0480, 152.0820

■ 20.6218, 18.1469,
8.5467

■ 20.6218, 18.1469,
8.5467

■ 19.2263, 16.0815,
5.8451

■ 22.2651, 20.4933,
11.9931

■ 18.0630, 14.2827,
3.8303

■ 24.1678, 23.1288,
16.2343

■ 17.1163, 12.7386,
2.4373

■ 26.3425, 26.0647,
21.3169

■ 16.3668, 11.4349,
1.5858

■ 28.8003, 29.3105,
27.2837

■ 16.0285, 10.8320,
1.2460

■ 31.5517, 32.8756,
34.1746

■ 34.6066, 36.7686,
42.0269

■ 37.9745, 40.9982,
50.8761

■ 41.6645, 45.5724,
60.7555

■ 45.6850, 50.4991,
71.6973

Harmonies

Analogous

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



23.0753, 18.1469, 12.8159



20.6218, 18.1469, 8.5467



17.4764, 18.1469, 7.1387

Triad

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



20.6218, 18.1469, 8.5467



11.9512, 18.1469, 19.1151



20.1815, 18.1469, 39.0292

Complementary

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



20.6218, 18.1469, 8.5467



16.2637, 18.5472, 35.5235

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.



17.0218, 18.1469, 42.1967



20.6218, 18.1469, 8.5467



12.4951, 18.1469, 28.8426

Square

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



20.6218, 18.1469, 8.5467



12.6793, 18.1469, 11.9896



14.2640, 18.1469, 38.0135



22.8005, 18.1469, 30.3177

Rectangle

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



20.6218, 18.1469, 8.5467



15.4880, 18.1469, 7.5555



14.2640, 18.1469, 38.0135



19.1367, 18.1469, 40.8740

Sweetspot

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



20.6222, 18.1478, 8.5470



50.8454, 51.5318, 47.0571



20.3588, 13.5031, 21.1539



11.2664, 11.3594, 10.1277



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



20.6222, 18.1478, 8.5470



33.8655, 27.9383, 9.4397



26.1914, 29.2862, 10.4034



6.8351, 7.0502, 6.9862



12.6983, 8.6321, 0.9969



0.2668, 0.2339, 0.0311

Inverse Universe

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



16.2637, 18.5472, 35.5235



25.1849, 28.6638, 62.9487



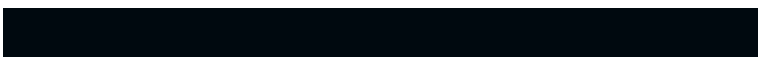
11.9592, 9.9383, 34.0887



6.6040, 7.0737, 8.4240



8.3499, 8.7913, 27.1640



0.1895, 0.2377, 0.4991

Previews

White Background



This preview shows how the XYZ color 20.6218, 18.1469, 8.5467 looks on a white background.

Color Contrast Check

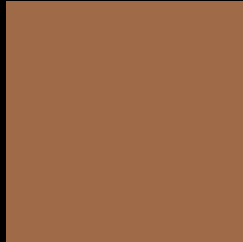
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6218, 18.1469, 8.5467 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 20.6218, 18.1469, 8.5467

Background



This preview shows how black text looks on a background with the XYZ color 20.6218, 18.1469, 8.5467.



This preview shows how white text looks on a background with the XYZ color 20.6218, 18.1469,

8.5467.

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

20.6218, 18.1469, 8.5467

Protanopia

16.8712, 18.1598, 9.6372

Deuteranopia

18.5441, 18.1945, 8.4957



Tritanopia

22.3143, 18.0929, 16.7842

Trichromacy



Original Color

20.6218, 18.1469, 8.5467

Protanomaly

18.1025, 18.1181, 9.1996

Deuteranomaly

19.1077, 17.9964, 8.4278

Tritanomaly

21.6595, 18.1221, 13.4227

Monochromacy



Original Color

20.6218, 18.1469, 8.5467

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.0391, 17.9608, 14.8279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6218, 18.1469, 8.5467 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(159, 106, 72)` looks like.

```
.text, #text, p{  
    color:rgb(159, 106, 72)  
}
```

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(159, 106, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 106, 72) }
```

Border

The CSS property to change the border of an element to XYZ 20.6218, 18.1469, 8.5467 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(159, 106, 72) }
```


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

```
.border{ border-color:rgb(159, 106, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 106, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 106, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 106, 72);  
box-shadow:4px 4px 4px 4px rgb(159, 106,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6218, 18.1469, 8.5467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 106, 72) }
```

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

```
.background{ background-color: rgb(159,  
106, 72) }
```

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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