

Converting Colors

XYZ(20.5765, 21.5597, 9.0854)

Have a look what the booklet for
XYZ(20.5765, 21.5597, 9.0854)
contains.

XYZ(20.6308, 21.5797, 9.0392)	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(20.6308, 21.5797,
9.0392)**

Conversions

Conversions Part 1

Format	Color
Hex	937E47
RGB	147, 126, 71
RGB Percent	58%, 49%, 28%
CMY	0.4235, 0.5059, 0.7216
CMYK	0.00, 0.14, 0.52, 0.42
HSL	43°, 35%, 43%
HSV	43°, 52%, 58%
XYZ	20.6308, 21.5797, 9.0392
YIQ	126.0090, 30.1710, -12.6530

Conversions

Conversions Part 2

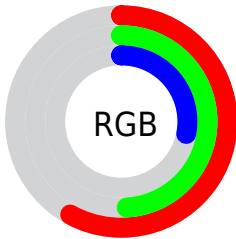
Format	Color
R_{YB}	100, 147, 71
Decimal	9666119
CIE Lab	53.58, 0.58, 32.71
CIE LCh	54, 32.720, 88.978
Yxy	21.5797, 0.4026, 0.4211
Android (android.graphics.Color)	4287856199 (0xFF937E47)
YUV	126.0090, -27.1194, 18.4091
Hunter-Lab	46.4540, -2.0203, 20.9809

Details

The XYZ color **20.6308, 21.5797, 9.0392** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.6920, 11.1001, 29.1299**, and the grayscale version is **19.9169, 20.9541, 22.8190**.

A 20% lighter version of the original color is **44.1999, 46.3172, 24.6997**, and **7.4348, 7.7534, 1.9688** is the 20% darker color. If you saturate the color by 10%, you get **19.7063, 20.3966, 6.6785**, and if you desaturate by 10%, it is **21.6916, 22.8527, 12.0090**.

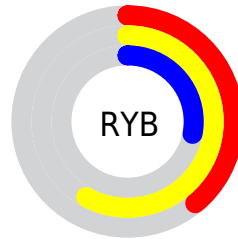
Distribution



Red (58%)

Green (49%)

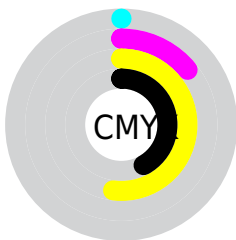
Blue (28%)



Red (39%)

Yellow (58%)

Blue (28%)

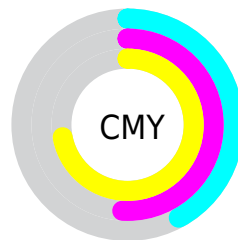


Cyan (0%)

Magenta (14%)

Yellow (52%)

Black (42%)



Cyan (42%)

Magenta (51%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6308, 21.5797, 9.0392 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 20.6308, 21.5797, 9.0392 by changing the saturation by 10% instead.

■ 20.6308, 21.5797,
9.0392

■ 20.6308, 21.5797,
9.0392

248.0789,
260.3434, 193.8989

■ 12.9653, 13.5484,
4.6696

■ 43.9682, 46.0503,
24.5508

■ 7.4815, 7.8072,
1.9994

■ 60.3708, 63.2585,
36.5300

■ 3.8140, 3.9719,
0.5549

■ 80.4165, 84.2943,
51.8827

■ 1.5975, 1.6578,
0.0000

■ 104.4707,
109.5423, 71.0275

■ 0.3908, 0.3961,
0.0000

■ 132.8986,
139.3868, 94.3830

■ 0.0000, 0.0000,
0.0000

166.0657,

174.2123, 122.3677

204.3374,
214.4030, 155.4001

■ 20.6308, 21.5797,
9.0392

■ 20.6308, 21.5797,
9.0392

■ 19.7063, 20.3966,
6.6785

■ 21.6916, 22.8527,
12.0090

■ 18.9079, 19.2964,
4.8813

■ 22.8949, 24.2160,
15.6262

■ 18.2264, 18.2759,
3.5979

■ 24.2483, 25.6739,
19.9279

■ 17.6502, 17.3301,
2.7691

■ 25.7585, 27.2294,
24.9475

■ 17.2268, 16.5914,
2.2945

■ 27.4317, 28.8853,
30.7166

■ 29.2737, 30.6444,
37.2647

■ 31.2899, 32.5091,
44.6198

■ 33.4857, 34.4820,
52.8084

■ 35.8661, 36.5654,
61.8559

Harmonies

Analogous

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



24.1688, 21.5797, 10.5714



20.6308, 21.5797, 9.0392



17.4273, 21.5797, 10.3714

Triad

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



20.6308, 21.5797, 9.0392



15.1807, 21.5797, 34.0964



26.8186, 21.5797, 34.8632

Complementary

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



20.6308, 21.5797, 9.0392



11.6920, 11.1001, 29.1299

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.



23.9382, 21.5797, 44.6482



20.6308, 21.5797, 9.0392



17.2420, 21.5797, 44.1243

Square

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



20.6308, 21.5797, 9.0392



14.5042, 21.5797, 23.1555



20.3914, 21.5797, 48.4387



27.9819, 21.5797, 23.8411

Rectangle

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



20.6308, 21.5797, 9.0392



15.8514, 21.5797, 13.0018



20.3914, 21.5797, 48.4387



26.0041, 21.5797, 38.5096

Sweetspot

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



20.6313, 21.5807, 9.0396



44.8425, 47.4527, 40.3524



16.2411, 11.4918, 11.6103



10.1229, 10.7150, 8.8347



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.6313, 21.5807, 9.0396



35.0516, 36.2074, 11.3883



20.8590, 26.1104, 9.9020



6.1314, 6.4765, 6.1674



14.9561, 14.4266, 1.9963



0.2078, 0.2261, 0.0327

Inverse Universe

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



11.6920, 11.1001, 29.1299



17.2504, 15.3680, 51.4917



11.4941, 8.6621, 28.6698



5.6222, 5.8783, 7.3080



5.2602, 3.2152, 24.2744



0.0865, 0.0835, 0.3045

Previews

White Background



This preview shows how the XYZ color 20.6308, 21.5797, 9.0392 looks on a white background.

Color Contrast Check

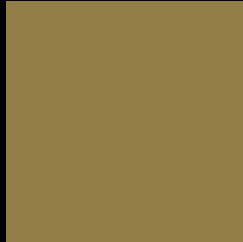
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 20.6308, 21.5797, 9.0392 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 20.6308, 21.5797, 9.0392

Background



This preview shows how black text looks on a background with the XYZ color 20.6308, 21.5797, 9.0392.



This preview shows how white text looks on a background with the XYZ color 20.6308, 21.5797,

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

20.6308, 21.5797, 9.0392

Protanopia

19.8734, 21.5689, 9.2467

Deuteranopia

21.8395, 21.4549, 9.1210



Tritanopia

23.5082, 21.4540, 23.6709

Trichromacy



Original Color

20.6308, 21.5797, 9.0392

Protanomaly

20.0868, 21.4863, 9.2195

Deuteranomaly

21.3895, 21.4061, 9.1353

Tritanomaly

22.2440, 21.4858, 17.1621

Monochromacy



Original Color

20.6308, 21.5797, 9.0392

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.8939, 21.0306, 16.6465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6308, 21.5797, 9.0392 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(147, 126, 71)` looks like.

```
.text, #text, p{  
    color:rgb(147, 126, 71)  
}
```

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(147, 126, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 126, 71) }
```

Border

The CSS property to change the border of an element to XYZ 20.6308, 21.5797, 9.0392 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(147, 126, 71) }
```


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

```
.border{ border-color:rgb(147, 126, 71) }
```

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

Here you see how a box with a 4 pixel rgb(147, 126, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 126, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 126, 71);  
box-shadow:4px 4px 4px 4px rgb(147, 126,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6308, 21.5797, 9.0392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 126, 71) }
```

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

```
.background{ background-color: rgb(147,  
126, 71) }
```

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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