

Converting Colors

XYZ(20.1431, 20.4693, 14.9356)

Have a look what the booklet for
XYZ(20.1431, 20.4693, 14.9356)
contains.

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Color

**XYZ(20.0750, 20.4146,
14.9389)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7A64
RGB	140, 122, 100
RGB Percent	55%, 48%, 39%
CMY	0.4510, 0.5216, 0.6078
CMYK	0.00, 0.13, 0.29, 0.45
HSL	33°, 17%, 47%
HSV	33°, 29%, 55%
XYZ	20.0750, 20.4146, 14.9389
YIQ	124.8740, 17.7900, -3.0260

Conversions

Conversions Part 2

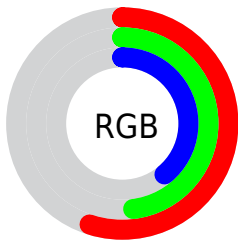
Format	Color
R_{YB}	133, 140, 100
Decimal	9206372
CIE Lab	52.30, 3.36, 14.61
CIE LCh	52, 14.991, 77.056
Yxy	20.4146, 0.3622, 0.3683
Android (android.graphics.Color)	4287396452 (0xFF8C7A64)
YUV	124.8740, -12.2629, 13.2655
Hunter-Lab	45.1825, 0.2397, 12.0244

Details

The XYZ color **20.0750, 20.4146, 14.9389** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4674, 17.5592, 27.3324**, and the grayscale version is **19.4868, 20.5016, 22.3262**.

A 20% lighter version of the original color is **42.9701, 43.9758, 35.5016**, and **7.1450, 7.1460, 4.3709** is the 20% darker color. If you saturate the color by 10%, you get **18.7064, 18.6702, 11.4221**, and if you desaturate by 10%, it is **21.6113, 22.3078, 19.0867**.

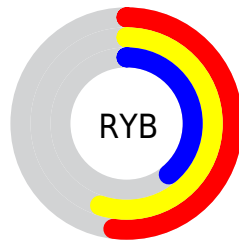
Distribution



Red (55%)

Green (48%)

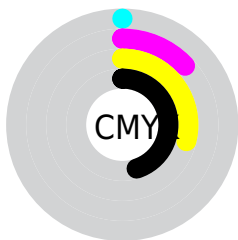
Blue (39%)



Red (52%)

Yellow (55%)

Blue (39%)

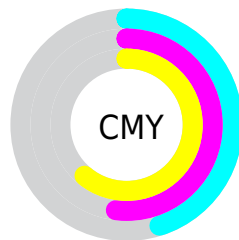


Cyan (0%)

Magenta (13%)

Yellow (29%)

Black (45%)



Cyan (45%)

Magenta (52%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0750, 20.4146, 14.9389 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 20.0750, 20.4146, 14.9389 by changing the saturation by 10% instead.

■ 20.0750, 20.4146,
14.9389

■ 20.0750, 20.4146,
14.9389

245.1467,
254.1508, 234.6241

■ 12.5582, 12.6968,
8.6304

■ 43.0459, 44.1112,
35.4867

■ 7.1999, 7.2201,
4.4074

■ 59.2306, 60.8588,
50.5631

■ 3.6349, 3.6001,
1.8514

■ 79.0354, 81.3851,
69.3992

■ 1.4977, 1.4525,
0.4615

■ 102.8255,
106.0744, 92.4136

■ 0.3243, 0.2549,
0.0000

130.9663,
135.3113, 120.0247

■ 0.0000, 0.0000,
0.0000

163.8232,

169.4801, 152.6511

201.7616,
208.9651, 190.7114

■ 20.0750, 20.4146,
14.9389

■ 20.0750, 20.4146,
14.9389

■ 18.7064, 18.6702,
11.4221

■ 21.6113, 22.3078,
19.0867

■ 17.4970, 17.0674,
8.5032

■ 23.3201, 24.3510,
23.8935

■ 16.4399, 15.6027,
6.1482

■ 25.2080, 26.5489,
29.3874

■ 15.5268, 14.2712,
4.3192

■ 27.2809, 28.9053,
35.5944

■ 14.7488, 13.0677,
2.9733

■ 29.5441, 31.4238,
42.5390

■ 14.0954, 11.9861,
2.0609

■ 32.0028, 34.1076,
50.2447

■ 13.5443, 11.0160,
1.4699

■ 34.6622, 36.9602,
58.7339

■ 13.4699, 10.8847,
1.3910

■ 37.5270, 39.9848,
68.0281

■ 40.6018, 43.1843,
78.1478

Harmonies

Analogous

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



21.4937, 20.4146, 16.5751



20.0750, 20.4146, 14.9389



18.5470, 20.4146, 15.0602

Triad

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



20.0750, 20.4146, 14.9389



16.7055, 20.4146, 24.8120



21.6551, 20.4146, 28.5273

Complementary

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



20.0750, 20.4146, 14.9389



16.4674, 17.5592, 27.3324

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.



20.2859, 20.4146, 31.3712



20.0750, 20.4146, 14.9389



17.4534, 20.4146, 29.0390

Square

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



20.0750, 20.4146, 14.9389



16.6557, 20.4146, 20.3803



18.7471, 20.4146, 31.5699



22.4379, 20.4146, 24.1842

Rectangle

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



20.0750, 20.4146, 14.9389



17.6716, 20.4146, 16.1185



18.7471, 20.4146, 31.5699



21.2449, 20.4146, 29.7140

Sweetspot

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



20.0755, 20.4155, 14.9393



40.9188, 42.7010, 41.5662



18.6426, 15.9980, 19.2451



9.3344, 9.7277, 9.3090



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



20.0755, 20.4155, 14.9393



33.8765, 34.0721, 22.3995



22.1597, 25.0797, 15.7297



5.2459, 5.4747, 5.3326



11.9884, 9.7112, 1.2426



0.0943, 0.0938, 0.0131

Inverse Universe

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



16.4674, 17.5592, 27.3324



26.4844, 28.2215, 47.7944



14.7705, 13.8328, 26.7026



4.9478, 5.2386, 6.3562



5.8042, 4.8786, 22.6814



0.0528, 0.0610, 0.1554

Previews

White Background



This preview shows how the XYZ color 20.0750, 20.4146, 14.9389 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 20.0750, 20.4146, 14.9389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

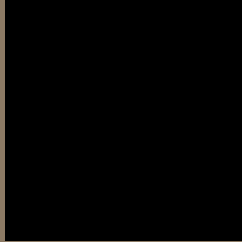
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.0750, 20.4146, 14.9389

Background



This preview shows how black text looks on a background with the XYZ color 20.0750, 20.4146, 14.9389.

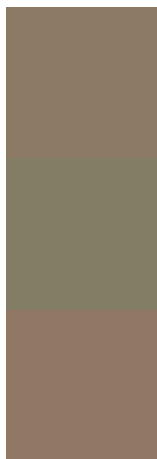


This preview shows how white text looks on a background with the XYZ color 20.0750, 20.4146,

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

20.0750, 20.4146, 14.9389

Protanopia

19.1983, 20.5124, 15.2593

Deuteranopia

20.6938, 20.3728, 14.8983



Tritanopia

21.6369, 20.3288, 22.8621

Trichromacy



Original Color

20.0750, 20.4146, 14.9389

Protanomaly

19.5483, 20.5058, 15.2396

Deuteranomaly

20.4653, 20.4345, 14.9222

Tritanomaly

20.9630, 20.2288, 19.6293

Monochromacy



Original Color

20.0750, 20.4146, 14.9389

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.5660, 20.4221, 19.4336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0750, 20.4146, 14.9389 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(140, 122, 100)` looks like.

```
.text, #text, p{  
    color:rgb(140, 122, 100)  
}
```

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(140, 122, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 122, 100) }
```

Border

The CSS property to change the border of an element to XYZ 20.0750, 20.4146, 14.9389 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(140, 122, 100) }
```


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

```
.border{ border-color:rgb(140, 122, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 122, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 122, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 122, 100);  
box-shadow:4px 4px 4px 4px rgb(140, 122,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0750, 20.4146, 14.9389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 122, 100) }
```

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

```
.background{ background-color: rgb(140,  
122, 100) }
```

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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