

Converting Colors

XYZ(20.0675, 20.8926, 17.6914)

Have a look what the booklet for
XYZ(20.0675, 20.8926, 17.6914)
contains.

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Color

**XYZ(20.1398, 20.9439,
17.7330)**

Conversions

Conversions Part 1

Format	Color
Hex	877D6E
RGB	135, 125, 110
RGB Percent	53%, 49%, 43%
CMY	0.4706, 0.5098, 0.5686
CMYK	0.00, 0.07, 0.19, 0.47
HSL	36°, 10%, 48%
HSV	36°, 19%, 53%
XYZ	20.1398, 20.9439, 17.7330
YIQ	126.2800, 10.7750, -2.5450

Conversions

Conversions Part 2

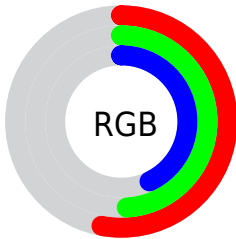
Format	Color
RYB	127, 135, 110
Decimal	8879470
CIELab	52.89, 1.16, 9.55
CIElCh	53, 9.622, 83.104
Yxy	20.9439, 0.3424, 0.3561
Android (android.graphics.Color)	4287069550 (0xFF877D6E)
YUV	126.2800, -8.0260, 7.6474
Hunter-Lab	45.7645, -1.5346, 9.0612

Details

The XYZ color **20.1398, 20.9439, 17.7330** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.5201, 18.4970, 25.5688**, and the grayscale version is **19.9509, 20.9899, 22.8580**.

A 20% lighter version of the original color is **43.1810, 45.1408, 40.6196**, and **7.2003, 7.4480, 5.6155** is the 20% darker color. If you saturate the color by 10%, you get **18.7953, 19.3428, 13.9306**, and if you desaturate by 10%, it is **21.6346, 22.6660, 22.1386**.

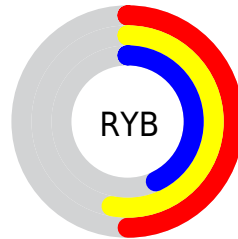
Distribution



Red (53%)

Green (49%)

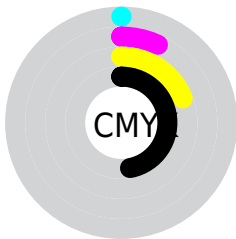
Blue (43%)



Red (50%)

Yellow (53%)

Blue (43%)

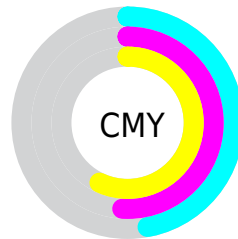


Cyan (0%)

Magenta (7%)

Yellow (19%)

Black (47%)



Cyan (47%)

Magenta (51%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1398, 20.9439, 17.7330 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 20.1398, 20.9439, 17.7330 by changing the saturation by 10% instead.

■ 20.1398, 20.9439,
17.7330

■ 20.1398, 20.9439,
17.7330

245.4901,
256.9802, 251.5471

■ 12.6056, 13.0830,
10.5910

■ 43.1536, 44.9942,
40.3896

■ 7.2326, 7.4857,
5.6818

■ 59.3639, 61.9523,
56.7413

■ 3.6556, 3.7677,
2.5870

■ 79.1969, 82.7116,
77.0000

■ 1.5092, 1.5445,
0.8857

■ 103.0179,
107.6566, 101.5842

■ 0.3321, 0.3197,
0.0000

131.1924,
137.1715, 130.9125

■ 0.0000, 0.0000,
0.0000

164.0857,

171.6408, 165.4034

202.0632,
211.4489, 205.4754

■ 20.1398, 20.9439,
17.7330

■ 20.1398, 20.9439,
17.7330

■ 18.7953, 19.3428,
13.9306

■ 21.6346, 22.6660,
22.1386

■ 17.5937, 17.8566,
10.7032

■ 23.2834, 24.5094,
27.1710

■ 16.5297, 16.4830,
8.0224

■ 25.0916, 26.4778,
32.8546

■ 15.5966, 15.2184,
5.8569

■ 27.0641, 28.5741,
39.2116

■ 14.7873, 14.0589,
4.1720

■ 29.2055, 30.8008,
46.2634

■ 14.0938, 13.0002,
2.9289

■ 31.5200, 33.1607,
54.0305

■ 13.5070, 12.0377,
2.0825

■ 34.0119, 35.6562,
62.5325

■ 13.0060, 11.1618,
1.5264

■ 36.6853, 38.2897,
71.7880

■ 12.9352, 11.0378,
1.4487

■ 39.5440, 41.0636,
81.8154

Harmonies

Analogous

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



21.0911, 20.9439, 18.6531



20.1398, 20.9439, 17.7330



19.1568, 20.9439, 18.0772

Triad

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



20.1398, 20.9439, 17.7330



18.1792, 20.9439, 25.0489



21.4946, 20.9439, 26.2960

Complementary

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



20.1398, 20.9439, 17.7330



17.5201, 18.4970, 25.5688

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.



20.6756, 20.9439, 28.2912



20.1398, 20.9439, 17.7330



18.7672, 20.9439, 27.5298

Square

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



20.1398, 20.9439, 17.7330



18.0466, 20.9439, 22.1454



19.6751, 20.9439, 28.7607



21.8901, 20.9439, 23.4763

Rectangle

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



20.1398, 20.9439, 17.7330



18.6133, 20.9439, 18.9926



19.6751, 20.9439, 28.7607



21.2584, 20.9439, 27.0947

Sweetspot

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



20.1404, 20.9448, 17.7334



39.4214, 41.3569, 41.6901



18.9581, 17.6592, 20.1790



9.0934, 9.5370, 9.5457



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



20.1404, 20.9448, 17.7334



35.0783, 36.3422, 28.9236



21.0728, 23.4000, 18.1582



4.8876, 5.1187, 4.9598



11.9410, 10.2046, 1.3403



0.0485, 0.0497, 0.0070

Inverse Universe

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



17.5201, 18.4970, 25.5688



29.5332, 31.1626, 45.5068



16.6953, 16.3791, 25.2035



4.5760, 4.8276, 5.8914



5.2610, 4.0697, 21.6449



0.0250, 0.0277, 0.0773

Previews

White Background



This preview shows how the XYZ color 20.1398, 20.9439, 17.7330 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 20.1398, 20.9439, 17.7330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

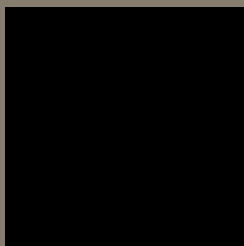
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

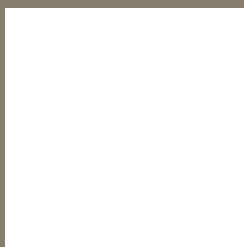
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.1398, 20.9439, 17.7330

Background



This preview shows how black text looks on a background with the XYZ color 20.1398, 20.9439, 17.7330.



This preview shows how white text looks on a background with the XYZ color 20.1398, 20.9439,

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

20.1398, 20.9439, 17.7330

Protanopia

19.7910, 20.9530, 17.7531

Deuteranopia

21.3304, 20.9961, 17.9673



Tritanopia

21.5375, 20.9610, 24.3835

Trichromacy



Original Color

20.1398, 20.9439, 17.7330

Protanomaly

19.9482, 21.0340, 17.7604

Deuteranomaly

20.9367, 20.9763, 17.9843

Tritanomaly

20.9746, 20.9143, 21.6703

Monochromacy



Original Color

20.1398, 20.9439, 17.7330

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.9043, 20.9449, 20.7630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1398, 20.9439, 17.7330 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(135, 125, 110)` looks like.

```
.text, #text, p{  
    color:rgb(135, 125, 110)  
}
```

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(135, 125, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 125, 110) }
```

Border

The CSS property to change the border of an element to XYZ 20.1398, 20.9439, 17.7330 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(135, 125, 110) }
```


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

```
.border{ border-color:rgb(135, 125, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 125, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 125, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 125, 110);  
box-shadow:4px 4px 4px 4px rgb(135, 125,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1398, 20.9439, 17.7330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 125, 110) }
```

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

```
.background{ background-color: rgb(135,  
125, 110) }
```

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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