

Converting Colors

XYZ(20.0138, 20.6920, 17.6910)

Have a look what the booklet for
XYZ(20.0138, 20.6920, 17.6910)
contains.

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Color

**XYZ(20.0138, 20.6920,
17.6910)**

Conversions

Conversions Part 1

Format	Color
Hex	877C6E
RGB	135, 124, 110
RGB Percent	53%, 49%, 43%
CMY	0.4706, 0.5137, 0.5686
CMYK	0.00, 0.08, 0.19, 0.47
HSL	34°, 10%, 48%
HSV	34°, 19%, 53%
XYZ	20.0138, 20.6920, 17.6910
YIQ	125.6930, 11.0500, -2.0220

Conversions

Conversions Part 2

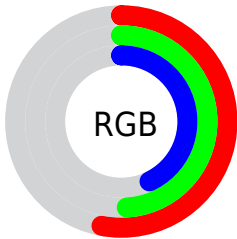
Format	Color
R_{YB}	130, 135, 110
Decimal	8879214
CIE Lab	52.61, 1.73, 9.16
CIE LCh	53, 9.322, 79.320
Yxy	20.6920, 0.3427, 0.3543
Android (android.graphics.Color)	4287069294 (0xFF877C6E)
YUV	125.6930, -7.7366, 8.1622
Hunter-Lab	45.4885, -1.0692, 8.7833

Details

The XYZ color **20.0138, 20.6920, 17.6910** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.6409, 18.7386, 25.6089**, and the grayscale version is **19.7502, 20.7788, 22.6281**.

A 20% lighter version of the original color is **42.7860, 44.3507, 40.4879**, and **7.1319, 7.3112, 5.5927** is the 20% darker color. If you saturate the color by 10%, you get **18.6123, 18.9769, 13.8696**, and if you desaturate by 10%, it is **21.5733, 22.5434, 22.1181**.

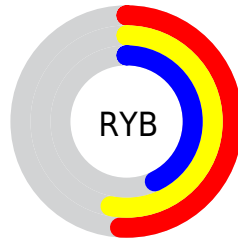
Distribution



Red (53%)

Green (49%)

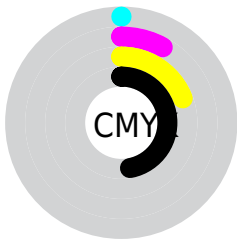
Blue (43%)



Red (51%)

Yellow (53%)

Blue (43%)

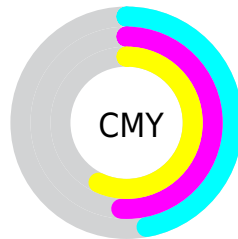


Cyan (0%)

Magenta (8%)

Yellow (19%)

Black (47%)



Cyan (47%)

Magenta (51%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0138, 20.6920, 17.6910 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 20.0138, 20.6920, 17.6910 by changing the saturation by 10% instead.

■ 20.0138, 20.6920,
17.6910

■ 20.0138, 20.6920,
17.6910

244.8220,
255.6371, 251.3009

■ 12.5134, 12.8991,
10.5612

■ 42.9441, 44.5744,
40.3169

■ 7.1690, 7.3591,
5.6622

■ 59.1047, 61.4326,
56.6501

■ 3.6153, 3.6877,
2.5753

■ 78.8827, 82.0813,
76.8882

■ 1.4869, 1.5004,
0.8797

■ 102.6435,
106.9050, 101.4497

■ 0.3169, 0.2890,
0.0000

130.7525,
136.2881, 130.7532

■ 0.0000, 0.0000,
0.0000

163.5750,

170.6148, 165.2172

201.4764,
210.2697, 205.2603

■ 20.0138, 20.6920,
17.6910

■ 20.0138, 20.6920,
17.6910

■ 18.6123, 18.9769,
13.8696

■ 21.5733, 22.5434,
22.1181

■ 17.3612, 17.3918,
10.6257

■ 23.2945, 24.5318,
27.1747

■ 16.2550, 15.9337,
7.9309

■ 25.1833, 26.6613,
32.8851

■ 15.2867, 14.5988,
5.7537

■ 27.2446, 28.9351,
39.2716

■ 14.4491, 13.3826,
4.0593

■ 29.4831, 31.3562,
46.3559

■ 13.7339, 12.2804,
2.8090

■ 31.9034, 33.9276,
54.1582

■ 13.1317, 11.2871,
1.9574

■ 34.5098, 36.6521,
62.6982

■ 12.6214, 10.3928,
1.3982

■ 37.3065, 39.5324,
71.9949

■ 12.5498, 10.2670,
1.3203

■ 40.2976, 42.5711,
82.0663

Harmonies

Analogous

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



20.9044, 20.6920, 18.7275



20.0138, 20.6920, 17.6910



19.0582, 20.6920, 17.8683

Triad

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



20.0138, 20.6920, 17.6910



17.9638, 20.6920, 24.3385



21.1115, 20.6920, 26.1832

Complementary

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



20.0138, 20.6920, 17.6910



17.6409, 18.7386, 25.6089

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.



20.2888, 20.6920, 27.9393



20.0138, 20.6920, 17.6910



18.4796, 20.6920, 26.8154

Square

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



20.0138, 20.6920, 17.6910



17.8956, 20.6920, 21.5573



19.3245, 20.6920, 28.1797



21.5518, 20.6920, 23.5316

Rectangle

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



20.0138, 20.6920, 17.6910



18.5121, 20.6920, 18.6557



19.3245, 20.6920, 28.1797



20.8692, 20.6920, 26.9068

Sweetspot

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



20.0144, 20.6929, 17.6914



39.3414, 41.1968, 41.6634



19.0344, 17.6897, 20.5811



9.0733, 9.4968, 9.5390



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.



20.0144, 20.6929, 17.6914



34.8107, 35.8069, 28.8344



21.2703, 23.5017, 18.1674



4.8728, 5.0891, 4.9548



11.5858, 9.4942, 1.2219



0.0474, 0.0475, 0.0067

Inverse Universe

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



17.6409, 18.7386, 25.6089



29.7876, 31.6713, 45.5916



16.5364, 16.2972, 25.1959



4.5905, 4.8567, 5.8962



5.5060, 4.5598, 21.7266



0.0261, 0.0299, 0.0776

Previews

White Background



This preview shows how the XYZ color 20.0138, 20.6920, 17.6910 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 20.0138, 20.6920, 17.6910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

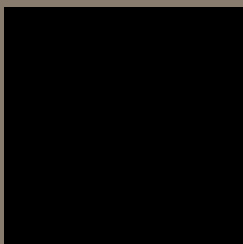
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.0138, 20.6920, 17.6910

Background



This preview shows how black text looks on a background with the XYZ color 20.0138, 20.6920, 17.6910.



This preview shows how white text looks on a background with the XYZ color 20.0138, 20.6920,

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

20.0138, 20.6920, 17.6910

Protanopia

19.5629, 20.6402, 17.9918

Deuteranopia

21.0343, 20.6621, 17.9185



Tritanopia

21.4153, 20.7167, 24.3427

Trichromacy



Original Color

20.0138, 20.6920, 17.6910

Protanomaly

19.7186, 20.7205, 17.9991

Deuteranomaly

20.6440, 20.6422, 17.9352

Tritanomaly

20.8512, 20.6675, 21.6291

Monochromacy



Original Color

20.0138, 20.6920, 17.6910

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.7770, 20.6904, 20.7206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0138, 20.6920, 17.6910 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, 124, 110)` looks like.

```
.text, #text, p{  
    color:rgb(135, 124, 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, 124, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 124, 110) }
```

Border

The CSS property to change the border of an element to XYZ 20.0138, 20.6920, 17.6910 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, 124, 110) }
```


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

```
.border{ border-color:rgb(135, 124, 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, 124, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 124, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 124, 110);  
box-shadow:4px 4px 4px 4px rgb(135, 124,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0138, 20.6920, 17.6910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 124, 110) }
```

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

```
.background{ background-color: rgb(135,  
124, 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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