

Converting Colors

XYZ(20.0913, 20.6039, 20.5866)

Have a look what the booklet for
XYZ(20.0913, 20.6039, 20.5866)
contains.

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Color

**XYZ(20.1135, 20.6769,
20.7002)**

Conversions

Conversions Part 1

Format	Color
Hex	847C78
RGB	132, 124, 120
RGB Percent	52%, 49%, 47%
CMY	0.4824, 0.5137, 0.5294
CMYK	0.00, 0.06, 0.09, 0.48
HSL	20°, 5%, 49%
HSV	20°, 9%, 52%
XYZ	20.1135, 20.6769, 20.7002
YIQ	125.9360, 6.0520, 0.4520

Conversions

Conversions Part 2

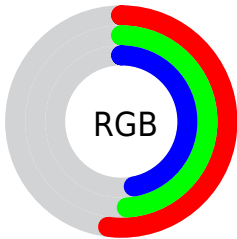
Format	Color
R_{YB}	132, 126, 120
Decimal	8682616
CIE Lab	52.59, 2.29, 3.26
CIE LCh	53, 3.989, 54.921
Yxy	20.6769, 0.3271, 0.3363
Android (android.graphics.Color)	4286872696 (0xFF847C78)
YUV	125.9360, -2.9264, 5.3181
Hunter-Lab	45.4719, -0.6201, 4.8397

Details

The XYZ color **20.1135, 20.6769, 20.7002** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.6296, 21.0969, 24.8674**, and the grayscale version is **19.8181, 20.8502, 22.7058**.

A 20% lighter version of the original color is **42.9793, 44.3435, 45.3236**, and **7.2531, 7.3390, 7.1652** is the 20% darker color. If you saturate the color by 10%, you get **18.3134, 18.2715, 16.4166**, and if you desaturate by 10%, it is **22.1235, 23.3250, 25.5993**.

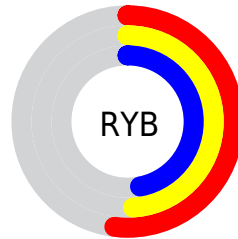
Distribution



Red (52%)

Green (49%)

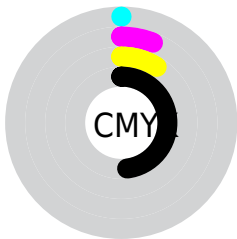
Blue (47%)



Red (52%)

Yellow (49%)

Blue (47%)

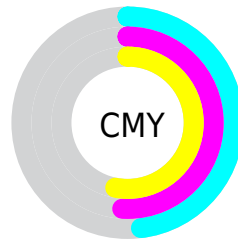


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (48%)



Cyan (48%)

Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1135, 20.6769, 20.7002 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 20.1135, 20.6769, 20.7002 by changing the saturation by 10% instead.

■ 20.1135, 20.6769,
20.7002

■ 20.1135, 20.6769,
20.7002

245.3508,
255.5564, 268.4094

■ 12.5863, 12.8880,
12.7159

■ 43.1099, 44.5492,
45.4623

■ 7.2193, 7.3515,
7.1048

■ 59.3098, 61.4014,
63.0773

■ 3.6472, 3.6829,
3.4483

■ 79.1313, 82.0435,
84.7396

■ 1.5045, 1.4978,
1.3278

102.9398,
106.8599, 110.8677

■ 0.3289, 0.2872,
0.0844

131.1007,
136.2350, 141.8802

■ 0.0000, 0.0000,
0.0000

163.9792,

170.5532, 178.1956

201.9408,
210.1988, 220.2325

■ 20.1135, 20.6769,
20.7002

■ 20.1135, 20.6769,
20.7002

■ 18.3134, 18.2715,
16.4166

■ 22.1235, 23.3250,
25.5993

■ 16.7146, 16.0992,
12.7225

■ 24.3485, 26.2198,
31.1355

■ 15.3101, 14.1537,
9.5923

■ 26.7955, 29.3685,
37.3314

■ 14.0920, 12.4273,
6.9978

■ 29.4704, 32.7772,
44.2076

■ 13.0517, 10.9119,
4.9084

■ 32.3793, 36.4518,
51.7843

■ 12.1799, 9.5989,
3.2905

■ 35.5278, 40.3980,
60.0804

■ 11.4664, 8.4791,
2.1060

■ 38.9212, 44.6215,
69.1144

■ 10.8997, 7.5421,
1.3112

■ 42.5649, 49.1274,
78.9040

■ 10.4543, 6.7720,
0.7906

■ 46.4641, 53.9211,
89.4663

Harmonies

Analogous

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



20.3831, 20.6769, 21.5672



20.1135, 20.6769, 20.7002



19.7233, 20.6769, 20.3197

Triad

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



20.1135, 20.6769, 20.7002



18.8710, 20.6769, 22.3125



19.9899, 20.6769, 24.6436

Complementary

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



20.1135, 20.6769, 20.7002



19.6296, 21.0969, 24.8674

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.



19.5824, 20.6769, 24.8600



20.1135, 20.6769, 20.7002



18.9401, 20.6769, 23.4873

Square

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



20.1135, 20.6769, 20.7002



19.0089, 20.6769, 21.2295



19.1991, 20.6769, 24.4300



20.3110, 20.6769, 23.8485

Rectangle

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



20.1135, 20.6769, 20.7002



19.4487, 20.6769, 20.3832



19.1991, 20.6769, 24.4300



19.8583, 20.6769, 24.7876

Sweetspot

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



20.1141, 20.6778, 20.7006



37.5180, 39.1809, 41.5293



20.1287, 19.8972, 23.2019



8.6734, 9.0411, 9.5186



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



20.1141, 20.6778, 20.7006



34.7165, 35.4748, 34.7476



20.8887, 22.2270, 20.9588



4.7901, 4.9238, 4.9273



10.0913, 6.5053, 0.7238



0.0412, 0.0349, 0.0046

Inverse Universe

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



19.6296, 21.0969, 24.8674



33.6756, 36.3748, 43.6993



18.8703, 19.5783, 24.6144



4.6742, 5.0241, 5.9241



7.4142, 8.3762, 22.3627



0.0324, 0.0425, 0.0797

Previews

White Background



This preview shows how the XYZ color 20.1135, 20.6769, 20.7002 looks on a white background.

Color Contrast Check

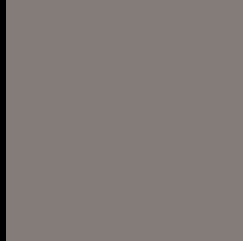
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.1135, 20.6769, 20.7002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

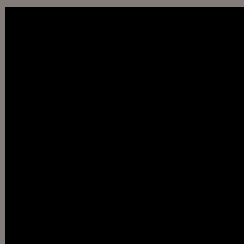
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

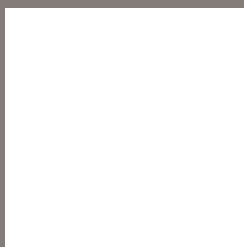
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.1135, 20.6769, 20.7002

Background



This preview shows how black text looks on a background with the XYZ color 20.1135, 20.6769, 20.7002.



This preview shows how white text looks on a background with the XYZ color 20.1135, 20.6769,

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

20.1135, 20.6769, 20.7002

Protanopia

19.8381, 20.7148, 21.0419

Deuteranopia

20.9360, 20.5442, 20.9511



Tritanopia

20.9559, 20.6533, 24.7118

Trichromacy



Original Color

20.1135, 20.6769, 20.7002

Protanomaly

19.9907, 20.7935, 21.0491

Deuteranomaly

20.5641, 20.5338, 20.9687

Tritanomaly

20.6521, 20.7110, 23.3312

Monochromacy



Original Color

20.1135, 20.6769, 20.7002

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.8738, 20.7117, 22.0191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1135, 20.6769, 20.7002 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(132, 124, 120)` looks like.

```
.text, #text, p{  
    color:rgb(132, 124, 120)  
}
```

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(132, 124, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 124, 120) }
```

Border

The CSS property to change the border of an element to XYZ 20.1135, 20.6769, 20.7002 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(132, 124, 120) }
```


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

```
.border{ border-color:rgb(132, 124, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 124, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 124, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 124, 120); box-shadow:4px 4px 4px 4px rgb(132, 124, 120) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1135, 20.6769, 20.7002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 124, 120) }
```

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

```
.background{ background-color: rgb(132,  
124, 120) }
```

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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