

Converting Colors

XYZ(20.5802, 20.6133, 20.0339)

Have a look what the booklet for
XYZ(20.5802, 20.6133, 20.0339)
contains.

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Color

**XYZ(20.5461, 20.5454,
20.0223)**

Conversions

Conversions Part 1

Format	Color
Hex	897A76
RGB	137, 122, 118
RGB Percent	54%, 48%, 46%
CMY	0.4627, 0.5216, 0.5373
CMYK	0.00, 0.11, 0.14, 0.46
HSL	13°, 7%, 50%
HSV	13°, 14%, 54%
XYZ	20.5461, 20.5454, 20.0223
YIQ	126.0290, 10.2240, 1.9360

Conversions

Conversions Part 2

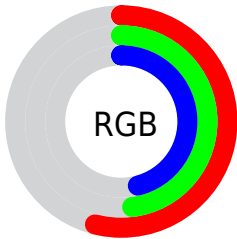
Format	Color
R_{YB}	137, 123, 118
Decimal	9009782
CIE _{Lab}	52.45, 5.04, 4.28
CIE _{LCh}	52, 6.615, 40.346
Yxy	20.5454, 0.3362, 0.3362
Android (android.graphics.Color)	4287199862 (0xFF897A76)
YUV	126.0290, -3.9583, 9.6216
Hunter-Lab	45.3270, 1.5892, 5.5388

Details

The XYZ color **20.5461, 20.5454, 20.0223** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.3741, 22.4325, 26.9233**, and the grayscale version is **19.8521, 20.8860, 22.7448**.

A 20% lighter version of the original color is **43.6270, 44.1215, 44.2471**, and **7.4185, 7.2335, 6.7996** is the 20% darker color. If you saturate the color by 10%, you get **18.5358, 17.7342, 15.6231**, and if you desaturate by 10%, it is **22.8236, 23.7013, 25.0946**.

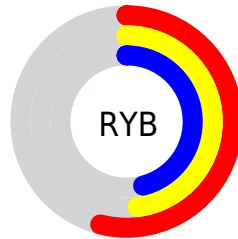
Distribution



Red (54%)

Green (48%)

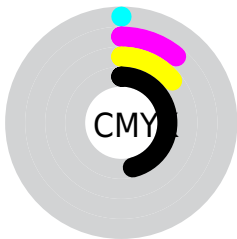
Blue (46%)



Red (54%)

Yellow (48%)

Blue (46%)

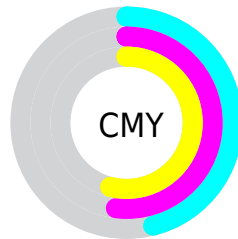


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (46%)



Cyan (46%)

Magenta (52%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5461, 20.5454, 20.0223 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 20.5461, 20.5454, 20.0223 by changing the saturation by 10% instead.

■ 20.5461, 20.5454,
20.0223

■ 20.5461, 20.5454,
20.0223

247.6339,
254.8526, 264.6440

■ 12.9032, 12.7921,
12.2270

■ 43.8279, 44.3297,
44.3140

■ 7.4385, 7.2856,
6.7741

■ 60.1975, 61.1295,
61.6476

■ 3.7865, 3.6413,
3.2449

■ 80.2066, 81.7137,
82.9976

■ 1.5821, 1.4750,
1.2210

104.2208,
106.4665, 108.7826

■ 0.3807, 0.2710,
0.0000

132.6052,
135.7724, 139.4213

■ 0.0000, 0.0000,
0.0000

165.7253,

170.0158, 175.3320

203.9464,
209.5810, 216.9334

■ 20.5461, 20.5454,
20.0223

■ 20.5461, 20.5454,
20.0223

■ 18.5358, 17.7342,
15.6231

■ 22.8236, 23.7013,
25.0946

■ 16.7810, 15.2533,
11.8672

■ 25.3761, 27.2103,
30.8652

■ 15.2719, 13.0913,
8.7247

■ 28.2128, 31.0838,
37.3597

■ 13.9972, 11.2350,
6.1629

■ 31.3424, 35.3321,
44.6023

■ 12.9447, 9.6705,
4.1457

■ 34.7729, 39.9648,
52.6156

■ 12.1010, 8.3825,
2.6333

■ 38.5123, 44.9914,
61.4215

■ 11.4514, 7.3545,
1.5802

■ 42.5679, 50.4209,
71.0411

■ 10.9782, 6.5679,
0.9303

■ 46.9472, 56.2621,
81.4945

■ 10.7526, 6.1903,
0.6281

■ 51.6570, 62.5234,
92.8012

Harmonies

Analogous

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



20.8487, 20.5454, 21.7016



20.5461, 20.5454, 20.0223



19.9729, 20.5454, 19.0115

Triad

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



20.5461, 20.5454, 20.0223



18.3167, 20.5454, 21.1289



19.7646, 20.5454, 26.2790

Complementary

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



20.5461, 20.5454, 20.0223



20.3741, 22.4325, 26.9233

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.



19.0893, 20.5454, 26.1035



20.5461, 20.5454, 20.0223



18.2639, 20.5454, 23.0529

Square

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



20.5461, 20.5454, 20.0223



18.6897, 20.5454, 19.6241



18.5437, 20.5454, 24.8954



20.3906, 20.5454, 25.3618

Rectangle

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



20.5461, 20.5454, 20.0223



19.5198, 20.5454, 18.8156



18.5437, 20.5454, 24.8954



19.5357, 20.5454, 26.3471

Sweetspot

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



20.5467, 20.5463, 20.0227



40.7776, 42.3133, 44.7263



21.0428, 19.9745, 25.0095



9.0812, 9.4009, 9.8861



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.



20.5467, 20.5463, 20.0227



35.4787, 34.9595, 32.9593



21.7435, 22.9400, 20.4217



5.1128, 5.2083, 5.2882



10.0235, 5.7813, 0.5876



0.0755, 0.0562, 0.0069

Inverse Universe

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



20.3741, 22.4325, 26.9233



35.1001, 39.0910, 48.0785



19.1570, 19.9982, 26.5176



5.0849, 5.5128, 6.4019



9.2239, 11.7182, 23.8214



0.0716, 0.0986, 0.1617

Previews

White Background



This preview shows how the XYZ color 20.5461, 20.5454, 20.0223 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 20.5461, 20.5454, 20.0223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

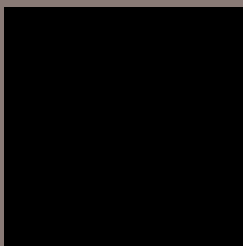
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

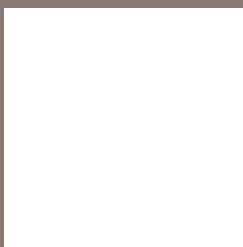
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5461, 20.5454, 20.0223

Background



This preview shows how black text looks on a background with the XYZ color 20.5461, 20.5454, 20.0223.



This preview shows how white text looks on a background with the XYZ color 20.5461, 20.5454,

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

20.5461, 20.5454, 20.0223

Protanopia

19.7166, 20.6663, 20.4026

Deuteranopia

20.9226, 20.5582, 20.0049



Tritanopia

21.3932, 20.5336, 23.9549

Trichromacy



Original Color

20.5461, 20.5454, 20.0223

Protanomaly

20.0531, 20.6527, 20.3822

Deuteranomaly

20.7548, 20.4717, 19.9971

Tritanomaly

21.0845, 20.5844, 22.6006

Monochromacy



Original Color

20.5461, 20.5454, 20.0223

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.1147, 20.8431, 21.7019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5461, 20.5454, 20.0223 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(137, 122, 118)` looks like.

```
.text, #text, p{  
    color:rgb(137, 122, 118)  
}
```

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(137, 122, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 122, 118) }
```

Border

The CSS property to change the border of an element to XYZ 20.5461, 20.5454, 20.0223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

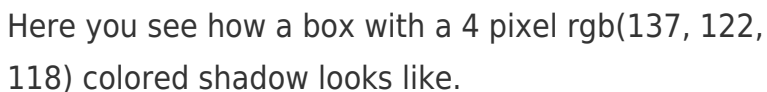
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 122, 118) }
```


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

```
.border{ border-color:rgb(137, 122, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 122, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 122, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 122, 118); box-shadow:4px 4px 4px 4px rgb(137, 122, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5461, 20.5454, 20.0223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 122, 118) }
```

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

```
.background{ background-color: rgb(137,  
122, 118) }
```

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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