

Converting Colors

XYZ(20.2552, 19.6502, 18.5355)

Have a look what the booklet for
XYZ(20.2552, 19.6502, 18.5355)
contains.

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Color

**XYZ(20.3309, 19.7472,
18.6596)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7672
RGB	140, 118, 114
RGB Percent	55%, 46%, 45%
CMY	0.4510, 0.5372, 0.5529
CMYK	0.00, 0.16, 0.19, 0.45
HSL	9°, 10%, 50%
HSV	9°, 19%, 55%
XYZ	20.3309, 19.7472, 18.6596
YIQ	124.1220, 14.3960, 3.4200

Conversions

Conversions Part 2

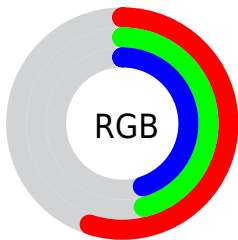
Format	Color
R_{YB}	140, 119, 114
Decimal	9205362
CIE Lab	51.55, 7.86, 5.38
CIE LCh	52, 9.524, 34.361
Yxy	19.7472, 0.3461, 0.3362
Android (android.graphics.Color)	4287395442 (0xFF8C7672)
YUV	124.1220, -4.9901, 13.9250
Hunter-Lab	44.4378, 3.9000, 6.2104

Details

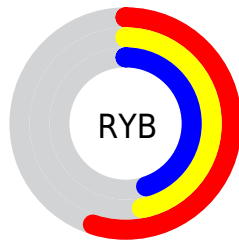
The XYZ color **20.3309, 19.7472, 18.6596** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.4770, 23.0786, 28.1865**, and the grayscale version is **19.2120, 20.2125, 22.0115**.

A 20% lighter version of the original color is **43.5058, 42.9720, 42.0778**, and **7.3900, 6.9473, 6.1057** is the 20% darker color. If you saturate the color by 10%, you get **18.2860, 16.8364, 14.3428**, and if you desaturate by 10%, it is **22.6741, 23.0589, 23.6781**.

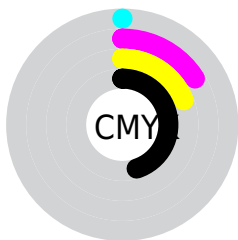
Distribution



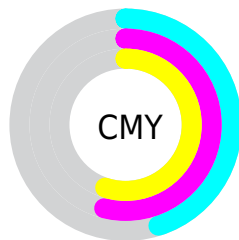
- Red (55%)
- Green (46%)
- Blue (45%)



- Red (55%)
- Yellow (47%)
- Blue (45%)



- Cyan (0%)
- Magenta (16%)
- Yellow (19%)
- Black (45%)



- Cyan (45%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3309, 19.7472, 18.6596 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 20.3309, 19.7472, 18.6596 by changing the saturation by 10% instead.

■ 20.3309, 19.7472,
18.6596

■ 20.3309, 19.7472,
18.6596

246.5004,
250.5433, 256.9229

■ 12.7455, 12.2114,
11.2503

■ 43.4710, 42.9929,
41.9871

■ 7.3293, 6.8878,
6.1191

■ 59.7564, 59.4717,
58.7424

■ 3.7170, 3.3920,
2.8477

■ 79.6724, 79.7002,
79.4500

■ 1.5433, 1.3397,
1.0174

■ 103.5845,
104.0629, 104.5286

■ 0.3550, 0.1716,
0.0000

131.8580,
132.9442, 134.3966

■ 0.0000, 0.0000,
0.0000

164.8583,

166.7284, 169.4726

202.9506,
205.7999, 210.1752

■ 20.3309, 19.7472,
18.6596

■ 20.3309, 19.7472,
18.6596

■ 18.2860, 16.8364,
14.3428

■ 22.6741, 23.0589,
23.6781

■ 16.5257, 14.3087,
10.6951

■ 25.3252, 26.7833,
29.4264

■ 15.0378, 12.1490,
7.6834

■ 28.2956, 30.9347,
35.9326

■ 13.8085, 10.3398,
5.2711

■ 31.5953, 35.5262,
43.2227

■ 12.8226, 8.8627,
3.4178

■ 35.2342, 40.5703,
51.3218

■ 12.0636, 7.6971,
2.0782

■ 39.2215, 46.0789,
60.2537

■ 11.5125, 6.8203,
1.1999

■ 43.5663, 52.0634,
70.0412

■ 11.1375, 6.2025,
0.6676

■ 48.2772, 58.5351,
80.7063

■ 11.0937, 6.1324,
0.5990

■ 53.3625, 65.5045,
92.2702

Harmonies

Analogous

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



20.6661, 19.7472, 21.1027



20.3309, 19.7472, 18.6596



19.5774, 19.7472, 17.0880

Triad

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



20.3309, 19.7472, 18.6596



17.1572, 19.7472, 19.2988



18.9095, 19.7472, 27.2012

Complementary

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



20.3309, 19.7472, 18.6596



20.4770, 23.0786, 28.1865

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.



17.9834, 19.7472, 26.6158



20.3309, 19.7472, 18.6596



16.9919, 19.7472, 21.9049

Square

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



20.3309, 19.7472, 18.6596



17.7487, 19.7472, 17.4345



17.2894, 19.7472, 24.6179



19.8279, 19.7472, 26.1561

Rectangle

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



20.3309, 19.7472, 18.6596



18.9507, 19.7472, 16.6678



17.2894, 19.7472, 24.6179



18.5887, 19.7472, 27.1892

Sweetspot

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



20.3314, 19.7481, 18.6600



41.0670, 42.1907, 44.1022



21.2838, 19.3907, 25.9510



9.4051, 9.6406, 10.0376



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.



20.3314, 19.7481, 18.6600



34.3802, 32.7362, 29.7915



21.9556, 22.9963, 19.2014



5.0910, 5.1649, 5.2810



9.8673, 5.4691, 0.5356



0.0724, 0.0500, 0.0058

Inverse Universe

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



20.4770, 23.0786, 28.1865



34.6814, 39.6482, 49.5679



18.7686, 19.6618, 27.6170



5.1084, 5.5597, 6.4097



10.0208, 13.3119, 24.0870



0.0748, 0.1048, 0.1627

Previews

White Background



This preview shows how the XYZ color 20.3309, 19.7472, 18.6596 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 20.3309, 19.7472, 18.6596 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 20.3309, 19.7472, 18.6596

Background



This preview shows how black text looks on a background with the XYZ color 20.3309, 19.7472, 18.6596.



This preview shows how white text looks on a background with the XYZ color 20.3309, 19.7472,

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

20.3309, 19.7472, 18.6596

Protanopia

18.8643, 19.6920, 19.3297

Deuteranopia

20.1153, 19.8118, 18.6835



Tritanopia

20.9316, 19.6342, 22.0886

Trichromacy



Original Color

20.3309, 19.7472, 18.6596

Protanomaly

19.4476, 19.8181, 19.0199

Deuteranomaly

20.2815, 19.8975, 18.6912

Tritanomaly

20.7970, 19.7658, 20.8082

Monochromacy



Original Color

20.3309, 19.7472, 18.6596

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.5556, 20.0210, 20.6030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3309, 19.7472, 18.6596 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, 118, 114)` looks like.

```
.text, #text, p{  
    color:rgb(140, 118, 114)  
}
```

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, 118, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 118, 114) }
```

Border

The CSS property to change the border of an element to XYZ 20.3309, 19.7472, 18.6596 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, 118, 114) }
```


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

```
.border{ border-color:rgb(140, 118, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 118, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 118, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 118, 114);  
box-shadow:4px 4px 4px 4px rgb(140, 118,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3309, 19.7472, 18.6596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 118, 114) }
```

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

```
.background{ background-color: rgb(140,  
118, 114) }
```

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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