

Converting Colors

XYZ(20.8986, 20.1442, 21.3104)

Have a look what the booklet for
XYZ(20.8986, 20.1442, 21.3104)
contains.

XYZ(20.9249, 20.1742, 21.2035)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.9249, 20.1742,
21.2035)**

Conversions

Conversions Part 1

Format	Color
Hex	8C777A
RGB	140, 119, 122
RGB Percent	55%, 47%, 48%
CMY	0.4510, 0.5333, 0.5216
CMYK	0.00, 0.15, 0.13, 0.45
HSL	351°, 8%, 51%
HSV	351°, 15%, 55%
XYZ	20.9249, 20.1742, 21.2035
YIQ	125.6210, 11.5530, 5.3850

Conversions

Conversions Part 2

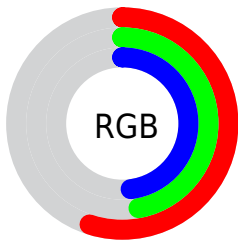
Format	Color
R_{YB}	140, 119, 122
Decimal	9205626
CIE _{Lab}	52.03, 8.66, 1.37
CIE _{LCh}	52, 8.771, 9.011
Yxy	20.1742, 0.3359, 0.3238
Android (android.graphics.Color)	4287395706 (0xFF8C777A)
YUV	125.6210, -1.7852, 12.6104
Hunter-Lab	44.9157, 4.5554, 3.4518

Details

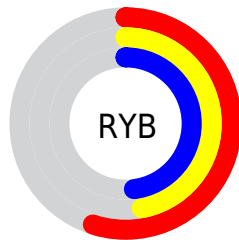
The XYZ color **20.9249, 20.1742, 21.2035** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.5020, 24.4848, 27.2609**, and the grayscale version is **19.7062, 20.7324, 22.5776**.

A 20% lighter version of the original color is **44.4510, 43.6511, 46.1271**, and **7.6723, 7.1612, 7.2812** is the 20% darker color. If you saturate the color by 10%, you get **18.6817, 16.8051, 17.0108**, and if you desaturate by 10%, it is **23.5066, 24.0728, 25.9627**.

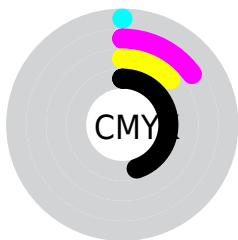
Distribution



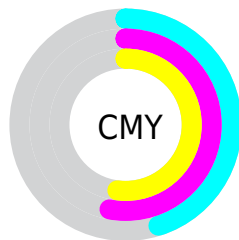
- Red (55%)
- Green (47%)
- Blue (48%)



- Red (55%)
- Yellow (47%)
- Blue (48%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (45%)



- Cyan (45%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9249, 20.1742, 21.2035 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 20.9249, 20.1742, 21.2035 by changing the saturation by 10% instead.

■ 20.9249, 20.1742,
21.2035

■ 20.9249, 20.1742,
21.2035

249.6184,
252.8566, 271.1745

■ 13.1813, 12.5217,
13.0801

■ 44.4547, 43.7090,
46.3111

■ 7.6313, 7.1000,
7.3524

■ 60.9716, 60.3602,
64.1325

■ 3.9098, 3.5247,
3.6017

■ 81.1437, 80.7798,
86.0236

■ 1.6512, 1.4114,
1.4095

105.3362,
105.3520, 112.4031

■ 0.4254, 0.2251,
0.1491

133.9146,
134.4615, 143.6893

■ 0.0000, 0.0000,
0.0000

167.2442,

168.4924, 180.3010

205.6903,
207.8294, 222.6565

■ 20.9249, 20.1742,
21.2035

■ 20.9249, 20.1742,
21.2035

■ 18.6817, 16.8051,
17.0108

■ 23.5066, 24.0728,
25.9627

■ 16.7612, 13.9400,
13.3621

■ 26.4382, 28.5194,
31.3070

■ 15.1490, 11.5555,
10.2354

■ 29.7328, 33.5353,
37.2559

■ 13.8289, 9.6252,
7.6067

■ 33.4023, 39.1394,
43.8276

■ 12.7831, 8.1201,
5.4501

■ 37.4580, 45.3500,
51.0394

■ 11.9920, 7.0080,
3.7374

■ 41.9108, 52.1846,
58.9081

■ 11.4333, 6.2518,
2.4371

■ 46.7711, 59.6599,
67.4498

■ 11.0777, 5.8021,
1.5127

■ 52.0488, 67.7921,
76.6799

■ 10.9415, 5.6260,
1.1704

■ 57.7538, 76.5966,
86.6136

Harmonies

Analogous

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



20.8266, 20.1742, 23.7788



20.9249, 20.1742, 21.2035



20.5431, 20.1742, 19.0083

Triad

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



20.9249, 20.1742, 21.2035



18.1122, 20.1742, 18.3558



18.5653, 20.1742, 26.8953

Complementary

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



20.9249, 20.1742, 21.2035



21.5020, 24.4848, 27.2609

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.



17.8690, 20.1742, 25.2162



20.9249, 20.1742, 21.2035



17.6131, 20.1742, 20.2482

Square

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



20.9249, 20.1742, 21.2035



18.9067, 20.1742, 17.4503



17.5254, 20.1742, 22.7471



19.4457, 20.1742, 27.2010

Rectangle

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



20.9249, 20.1742, 21.2035



20.0745, 20.1742, 18.0072



17.5254, 20.1742, 22.7471



18.3027, 20.1742, 26.4669

Sweetspot

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



20.9255, 20.1751, 21.2039



41.8891, 43.1167, 46.5906



21.6230, 20.3937, 27.6080



9.5748, 9.8178, 10.5937



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.



20.9255, 20.1751, 21.2039



35.4893, 33.4582, 34.7737



21.6513, 21.9195, 20.5435



5.0601, 5.0595, 5.4049



9.7268, 5.0008, 1.0656



0.0678, 0.0345, 0.0240

Inverse Universe

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



20.9255, 20.1751, 21.2039



35.4893, 33.4582, 34.7737



20.6818, 22.4955, 28.0633



5.0601, 5.0595, 5.4049



9.7268, 5.0008, 1.0656



0.0678, 0.0345, 0.0240

Previews

White Background



This preview shows how the XYZ color 20.9249, 20.1742, 21.2035 looks on a white background.

Color Contrast Check

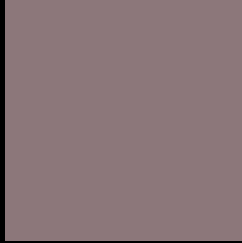
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9249, 20.1742, 21.2035 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 20.9249, 20.1742, 21.2035

Background



This preview shows how black text looks on a background with the XYZ color 20.9249, 20.1742, 21.2035.



This preview shows how white text looks on a background with the XYZ color 20.9249, 20.1742,

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

20.9249, 20.1742, 21.2035

Protanopia

19.5135, 20.3316, 22.2980

Deuteranopia

20.5459, 20.1564, 21.2201



Tritanopia

21.2937, 20.1519, 22.8461

Trichromacy



Original Color

20.9249, 20.1742, 21.2035

Protanomaly

19.9577, 20.1996, 21.9158

Deuteranomaly

20.7106, 20.2414, 21.2278

Tritanomaly

21.1646, 20.1003, 22.1663

Monochromacy



Original Color

20.9249, 20.1742, 21.2035

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.1447, 20.4719, 22.2918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9249, 20.1742, 21.2035 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, 119, 122) looks like.

```
.text, #text, p{  
    color:rgb(140, 119, 122)  
}
```

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, 119, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 119, 122) }
```

Border

The CSS property to change the border of an element to XYZ 20.9249, 20.1742, 21.2035 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, 119, 122) }
```


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

```
.border{ border-color:rgb(140, 119, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 119, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 119, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 119, 122);  
box-shadow:4px 4px 4px 4px rgb(140, 119,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9249, 20.1742, 21.2035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 119, 122) }
```

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

```
.background{ background-color: rgb(140,  
119, 122) }
```

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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