

Converting Colors

XYZ(20.9041, 20.2327, 20.2262)

Have a look what the booklet for
XYZ(20.9041, 20.2327, 20.2262)
contains.

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Color

**XYZ(20.9111, 20.1883,
20.2474)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7777
RGB	141, 119, 119
RGB Percent	55%, 47%, 47%
CMY	0.4471, 0.5333, 0.5333
CMYK	0.00, 0.16, 0.16, 0.45
HSL	0°, 9%, 51%
HSV	0°, 16%, 55%
XYZ	20.9111, 20.1883, 20.2474
YIQ	125.5780, 13.1120, 4.6640

Conversions

Conversions Part 2

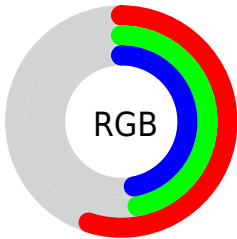
Format	Color
R_{YB}	141, 119, 119
Decimal	9271159
CIE _{Lab}	52.05, 8.53, 3.17
CIE _{LCh}	52, 9.098, 20.394
Yxy	20.1883, 0.3409, 0.3291
Android (android.graphics.Color)	4287461239 (0xFF8D7777)
YUV	125.5780, -3.2430, 13.5251
Hunter-Lab	44.9314, 4.4441, 4.7342

Details

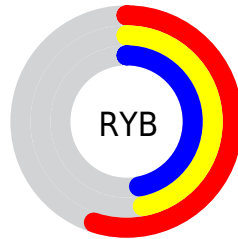
The XYZ color **20.9111, 20.1883, 20.2474** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.9402, 24.8942, 28.8481**, and the grayscale version is **19.6960, 20.7218, 22.5660**.

A 20% lighter version of the original color is **44.4193, 43.6682, 44.6157**, and **7.7050, 7.1856, 6.9421** is the 20% darker color. If you saturate the color by 10%, you get **18.5712, 16.7645, 15.5950**, and if you desaturate by 10%, it is **23.6267, 24.1620, 25.6454**.

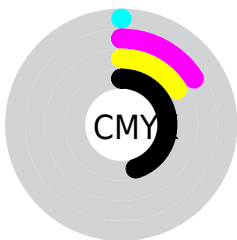
Distribution



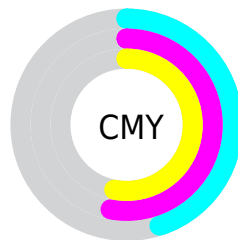
- Red (55%)
- Green (47%)
- Blue (47%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9111, 20.1883, 20.2474 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 20.9111, 20.1883, 20.2474 by changing the saturation by 10% instead.

■ 20.9111, 20.1883,
20.2474

■ 20.9111, 20.1883,
20.2474

249.5463,
252.9327, 265.8997

■ 13.1711, 12.5320,
12.3891

■ 44.4319, 43.7327,
44.6960

■ 7.6243, 7.1071,
6.8835

■ 60.9435, 60.3895,
62.1234

■ 3.9053, 3.5292,
3.3120

■ 81.1096, 80.8153,
83.5776

■ 1.6487, 1.4138,
1.2561

105.2957,
105.3945, 109.4772

■ 0.4238, 0.2269,
0.0254

133.8670,
134.5114, 140.2406

■ 0.0000, 0.0000,
0.0000

167.1890,

168.5505, 176.2865

205.6270,
207.8961, 218.0334

■ 20.9111, 20.1883,
20.2474

■ 20.9111, 20.1883,
20.2474

■ 18.5712, 16.7645,
15.5950

■ 23.6267, 24.1620,
25.6454

■ 16.5889, 13.8639,
11.6542

■ 26.7317, 28.7055,
31.8184

■ 14.9471, 11.4614,
8.3904

■ 30.2413, 33.8409,
38.7957

■ 13.6266, 9.5292,
5.7655

■ 34.1693, 39.5884,
46.6047

■ 12.6065, 8.0363,
3.7375

■ 38.5287, 45.9674,
55.2717

■ 11.8630, 6.9484,
2.2598

■ 43.3323, 52.9961,
64.8217

■ 11.3693, 6.2258,
1.2784

■ 48.5920, 60.6923,
75.2786

■ 11.0860, 5.8113,
0.7155

■ 54.3195, 69.0729,
86.6655

■ 10.9847, 5.6631,
0.5141

■ 60.5259, 78.1544,
99.0046

Harmonies

Analogous

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



21.0032, 20.1883, 22.8460



20.9111, 20.1883, 20.2474



20.3493, 20.1883, 18.2726

Triad

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



20.9111, 20.1883, 20.2474



17.8453, 20.1883, 18.8802



18.8920, 20.1883, 27.4188

Complementary

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



20.9111, 20.1883, 20.2474



21.9402, 24.8942, 28.8481

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.



18.0725, 20.1883, 26.1614



20.9111, 20.1883, 20.2474



17.4812, 20.1883, 21.1393

Square

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



20.9111, 20.1883, 20.2474



18.5729, 20.1883, 17.5285



17.5630, 20.1883, 23.8122



19.8173, 20.1883, 27.1315

Rectangle

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



20.9111, 20.1883, 20.2474



19.7938, 20.1883, 17.5078



17.5630, 20.1883, 23.8122



18.5955, 20.1883, 27.1592

Sweetspot

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



20.9117, 20.1892, 20.2478



42.5700, 43.6485, 46.4407



22.3893, 20.7797, 28.0303



9.4364, 9.6440, 10.2300



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.



20.9117, 20.1892, 20.2478



35.7769, 33.7083, 32.9357



22.2971, 22.9601, 20.7096



5.4089, 5.4242, 5.6513



10.0160, 5.1637, 0.4688



0.0958, 0.0494, 0.0045

Inverse Universe

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



21.9402, 24.8942, 28.8481



38.0092, 43.9201, 51.6020



20.3984, 21.8106, 28.3342



5.5602, 6.1162, 6.9163



13.0664, 19.1188, 25.9787



0.1249, 0.1828, 0.2484

Previews

White Background



This preview shows how the XYZ color 20.9111, 20.1883, 20.2474 looks on a white background.

Color Contrast Check

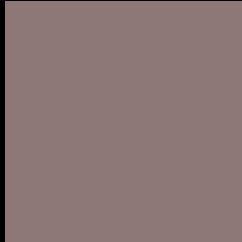
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9111, 20.1883, 20.2474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

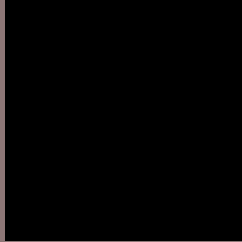
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.9111, 20.1883, 20.2474

Background



This preview shows how black text looks on a background with the XYZ color 20.9111, 20.1883, 20.2474.



This preview shows how white text looks on a background with the XYZ color 20.9111, 20.1883,

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

20.9111, 20.1883, 20.2474

Protanopia

19.4729, 20.3325, 21.3106

Deuteranopia

20.5275, 20.1681, 20.2637



Tritanopia

21.4645, 20.2400, 22.8541

Trichromacy



Original Color

20.9111, 20.1883, 20.2474

Protanomaly

19.9264, 20.2051, 20.9389

Deuteranomaly

20.6937, 20.2538, 20.2715

Tritanomaly

21.2719, 20.1629, 21.8395

Monochromacy



Original Color

20.9111, 20.1883, 20.2474

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.0182, 20.4213, 21.6255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9111, 20.1883, 20.2474 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(141, 119, 119)` looks like.

```
.text, #text, p{  
    color:rgb(141, 119, 119)  
}
```

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(141, 119, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 119, 119) }
```

Border

The CSS property to change the border of an element to XYZ 20.9111, 20.1883, 20.2474 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(141, 119, 119) }
```


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

```
.border{ border-color:rgb(141, 119, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 119, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 119, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 119, 119);  
box-shadow:4px 4px 4px 4px rgb(141, 119,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9111, 20.1883, 20.2474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 119, 119) }
```

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

```
.background{ background-color: rgb(141,  
119, 119) }
```

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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