

Converting Colors

XYZ(20.1047, 21.2578, 24.3270)

Have a look what the booklet for
XYZ(20.1047, 21.2578, 24.3270)
contains.

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Color

**XYZ(20.2059, 21.4100,
24.1867)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8082
RGB	125, 128, 130
RGB Percent	49%, 50%, 51%
CMY	0.5098, 0.4980, 0.4902
CMYK	0.04, 0.02, 0.00, 0.49
HSL	204°, 2%, 50%
HSV	204°, 4%, 51%
XYZ	20.2059, 21.4100, 24.1867
YIQ	127.3310, -2.4300, -0.0140

Conversions

Conversions Part 2

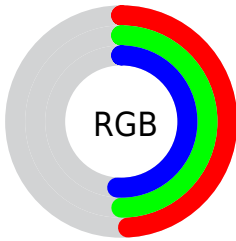
Format	Color
R_YB	125, 127, 130
Decimal	8224898
CIE Lab	53.40, -0.71, -1.48
CIE LCh	53, 1.638, 244.487
Yxy	21.4100, 0.3071, 0.3254
Android (android.graphics.Color)	4286414978 (0xFF7D8082)
YUV	127.3310, 1.3158, -2.0443
Hunter-Lab	46.2709, -3.0256, 1.3976

Details

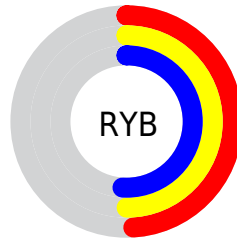
The XYZ color **20.2059, 21.4100, 24.1867** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.4971, 21.4052, 22.4537**, and the grayscale version is **20.2833, 21.3396, 23.2389**.

A 20% lighter version of the original color is **43.4312, 45.9316, 51.3764**, and **7.2617, 7.7225, 8.8925** is the 20% darker color. If you saturate the color by 10%, you get **17.7707, 19.1748, 23.8839**, and if you desaturate by 10%, it is **22.9255, 23.8445, 24.5136**.

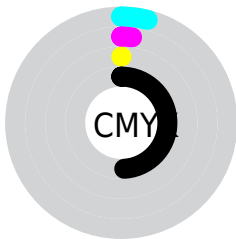
Distribution



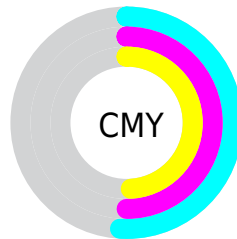
- Red (49%)
- Green (50%)
- Blue (51%)



- Red (49%)
- Yellow (50%)
- Blue (51%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)



- Cyan (51%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2059, 21.4100, 24.1867 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 20.2059, 21.4100, 24.1867 by changing the saturation by 10% instead.

■ 20.2059, 21.4100,
24.1867

■ 20.2059, 21.4100,
24.1867

245.8400,
259.4495, 287.0799

■ 12.6539, 13.4240,
15.2587

■ 43.2634, 45.7689,
51.2823

■ 7.2660, 7.7212,
8.8525

■ 59.4997, 62.9106,
70.2871

■ 3.6768, 3.9171,
4.5496

■ 79.3615, 83.8730,
93.4878

■ 1.5210, 1.6273,
1.9314

103.2141,
109.0405, 121.3030

■ 0.3400, 0.3759,
0.5126

131.4229,
138.7975, 154.1513

■ 0.0000, 0.0000,
0.0000

164.3532,

173.5284, 192.4512

202.3705,
213.6176, 236.6212

■ 20.2059, 21.4100,
24.1867

■ 20.2059, 21.4100,
24.1867

■ 17.7707, 19.1748,
23.8839

■ 22.9255, 23.8445,
24.5136

■ 15.6079, 17.1303,
23.6033

■ 25.9371, 26.4812,
24.8638

■ 13.7075, 15.2709,
23.3446

■ 29.2505, 29.3265,
25.2384

■ 12.0579, 13.5900,
23.1071

■ 32.8744, 32.3855,
25.6378

■ 10.6469, 12.0805,
22.8901

■ 36.8171, 35.6633,
26.0627

■ 9.4608, 10.7345,
22.6928

■ 41.0865, 39.1646,
26.5135

■ 8.4848, 9.5433,
22.5143

■ 45.6904, 42.8942,
26.9907

■ 7.7018, 8.4975,
22.3537

■ 50.6362, 46.8564,
27.4948

■ 7.0903, 7.5849,
22.2098

■ 55.9312, 51.0557,
28.0263

Harmonies

Analogous

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



20.0752, 21.4100, 23.8582



20.2059, 21.4100, 24.1867



20.3757, 21.4100, 24.2795

Triad

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



20.2059, 21.4100, 24.1867



20.6847, 21.4100, 23.2370



20.1608, 21.4100, 22.5315

Complementary

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



20.2059, 21.4100, 24.1867



20.4971, 21.4052, 22.4537

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.



20.3234, 21.4100, 22.3703



20.2059, 21.4100, 24.1867



20.6264, 21.4100, 22.7739

Square

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



20.2059, 21.4100, 24.1867



20.6528, 21.4100, 23.7267



20.4939, 21.4100, 22.4584



20.0493, 21.4100, 22.9019

Rectangle

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



20.2059, 21.4100, 24.1867



20.4885, 21.4100, 24.1941



20.4939, 21.4100, 22.4584



20.2113, 21.4100, 22.4513

Sweetspot

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



20.2065, 21.4109, 24.1872



36.8854, 38.8801, 42.7530



20.2658, 21.8558, 23.2011



8.3566, 8.8073, 9.6779



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



20.2065, 21.4109, 24.1872



35.0139, 37.1877, 42.5250



19.8948, 20.7875, 24.0833



4.5120, 4.7950, 5.5010



6.4858, 6.7901, 21.2187



0.0000, 0.0000, 0.0000

Inverse Universe

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



20.4363, 20.9720, 23.3940



35.5491, 36.1739, 40.6759



20.8132, 22.0374, 22.5591



4.5857, 4.6557, 5.2463



10.1507, 5.0800, 7.3833



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 20.2059, 21.4100, 24.1867 looks on a white background.

Color Contrast Check

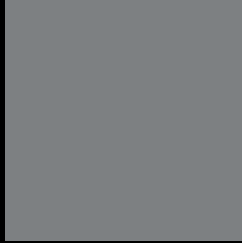
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.2059, 21.4100, 24.1867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

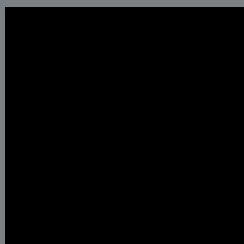
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

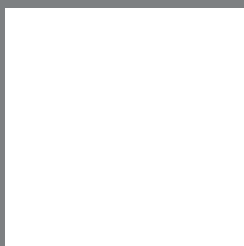
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.2059, 21.4100, 24.1867

Background



This preview shows how black text looks on a background with the XYZ color 20.2059, 21.4100, 24.1867.



This preview shows how white text looks on a background with the XYZ color 20.2059, 21.4100,

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

20.2059, 21.4100, 24.1867

Protanopia

20.6051, 21.4308, 23.8194

Deuteranopia

21.7856, 21.4573, 24.4662



Tritanopia

20.7089, 21.4205, 26.7100

Trichromacy

**Original Color**

20.2059, 21.4100, 24.1867

Protanomaly

20.4539, 21.3529, 23.8124

Deuteranomaly

21.1032, 21.2925, 24.4703

Tritanomaly

20.4966, 21.3356, 25.5921

Monochromacy

**Original Color**

20.2059, 21.4100, 24.1867

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.0898, 21.1729, 23.4500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2059, 21.4100, 24.1867 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(125, 128, 130)` looks like.

```
.text, #text, p{  
    color:rgb(125, 128, 130)  
}
```

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(125, 128, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 128, 130) }
```

Border

The CSS property to change the border of an element to XYZ 20.2059, 21.4100, 24.1867 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(125, 128, 130) }
```


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

```
.border{ border-color:rgb(125, 128, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 128, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 128, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 128, 130);  
box-shadow:4px 4px 4px 4px rgb(125, 128,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2059, 21.4100, 24.1867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 128, 130) }
```

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

```
.background{ background-color: rgb(125,  
128, 130) }
```

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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