

Converting Colors

XYZ(19.3984, 20.9578, 28.6217)

Have a look what the booklet for
XYZ(19.3984, 20.9578, 28.6217)
contains.

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Color

**XYZ(19.4117, 20.9020,
28.6026)**

Conversions

Conversions Part 1

Format	Color
Hex	71808E
RGB	113, 128, 142
RGB Percent	44%, 50%, 56%
CMY	0.5569, 0.4980, 0.4431
CMYK	0.20, 0.10, 0.00, 0.44
HSL	209°, 11%, 50%
HSV	209°, 20%, 56%
XYZ	19.4117, 20.9020, 28.6026
YIQ	125.1110, -13.4340, 1.1740

Conversions

Conversions Part 2

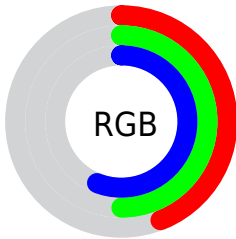
Format	Color
R_{YB}	113, 123, 142
Decimal	7438478
CIE _{Lab}	52.84, -2.28, -9.40
CIE _{LCh}	53, 9.669, 256.343
Yxy	20.9020, 0.2817, 0.3033
Android (android.graphics.Color)	4285628558 (0xFF71808E)
YUV	125.1110, 8.3263, -10.6213
Hunter-Lab	45.7187, -4.2184, -5.0900

Details

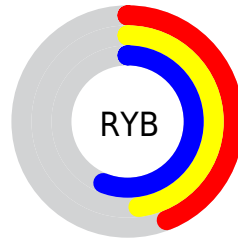
The XYZ color **19.4117, 20.9020, 28.6026** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.7256, 22.1219, 18.7482**, and the grayscale version is **19.5069, 20.5228, 22.3493**.

A 20% lighter version of the original color is **42.0047, 45.0326, 58.7028**, and **6.9077, 7.4885, 11.2066** is the 20% darker color. If you saturate the color by 10%, you get **16.8619, 18.3052, 28.2361**, and if you desaturate by 10%, it is **22.3091, 23.7687, 29.0036**.

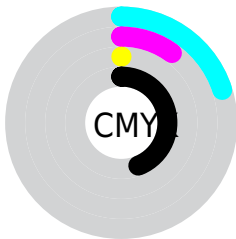
Distribution



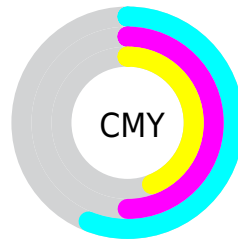
- Red (44%)
- Green (50%)
- Blue (56%)



- Red (44%)
- Yellow (48%)
- Blue (56%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)
- Black (44%)



- Cyan (56%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4117, 20.9020, 28.6026 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 19.4117, 20.9020, 28.6026 by changing the saturation by 10% instead.

■ 19.4117, 20.9020,
28.6026

■ 19.4117, 20.9020,
28.6026

241.6070,
256.7572, 309.3373

■ 12.0739, 13.0524,
18.5374

■ 41.9401, 44.9244,
58.4797

■ 6.8666, 7.4646,
11.1631

■ 57.8615, 61.8659,
79.1287

■ 3.4244, 3.7543,
6.0611

■ 77.3748, 82.6069,
104.1428

■ 1.3820, 1.5371,
2.8129

■ 100.8453,
107.5317, 133.9404

■ 0.2433, 0.3146,
0.9999

128.6384,
137.0248, 168.9401

■ 0.0000, 0.0000,
0.0000

161.1195,

171.4705, 209.5605

198.6539,
211.2531, 256.2200

■ 19.4117, 20.9020,
28.6026

■ 19.4117, 20.9020,
28.6026

■ 16.8619, 18.3052,
28.2361

■ 22.3091, 23.7687,
29.0036

■ 14.6432, 15.9666,
27.9016

■ 25.5657, 26.9114,
29.4385

■ 12.7410, 13.8772,
27.5986

■ 29.1949, 30.3392,
29.9089

■ 11.1381, 12.0264,
27.3258

■ 33.2089, 34.0601,
30.4155

■ 9.8161, 10.4027,
27.0821

■ 37.6192, 38.0815,
30.9593

■ 8.7541, 8.9933,
26.8660

■ 42.4368, 42.4107,
31.5410

■ 7.9277, 7.7835,
26.6761

■ 47.6724, 47.0546,
32.1614

■ 7.2951, 6.7781,
26.5154

■ 53.3362, 52.0201,
32.8213

■ 59.4380, 57.3135,
33.5215

Harmonies

Analogous

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



18.5560, 20.9020, 27.0246



19.4117, 20.9020, 28.6026



20.4182, 20.9020, 28.5241

Triad

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



19.4117, 20.9020, 28.6026



21.7892, 20.9020, 21.2292



18.4945, 20.9020, 19.1309

Complementary

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



19.4117, 20.9020, 28.6026



21.7256, 22.1219, 18.7482

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.



19.3252, 20.9020, 17.8278



19.4117, 20.9020, 28.6026



21.2378, 20.9020, 18.9672

Square

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



19.4117, 20.9020, 28.6026



21.8143, 20.9020, 24.0974



20.3288, 20.9020, 17.7705



18.0387, 20.9020, 21.4706

Rectangle

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



19.4117, 20.9020, 28.6026



21.0400, 20.9020, 27.5392



20.3288, 20.9020, 17.7705



18.7379, 20.9020, 18.5662

Sweetspot

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



19.4123, 20.9029, 28.6031



41.7282, 44.2341, 51.4666



20.2839, 24.3773, 23.5562



9.2507, 9.8127, 11.4859



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.



19.4123, 20.9029, 28.6031



31.8640, 34.4666, 50.1012



17.7066, 17.4913, 28.0345



5.3458, 5.6874, 6.8448



6.5683, 6.1227, 23.8127



0.0849, 0.1027, 0.2350

Inverse Universe

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



20.9573, 19.1201, 23.0089



35.1892, 30.8209, 38.0179



23.6662, 26.0030, 19.3950



5.5180, 5.4677, 6.2259



11.1185, 5.6044, 6.2754



0.1174, 0.0580, 0.1186

Previews

White Background



This preview shows how the XYZ color 19.4117, 20.9020, 28.6026 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 19.4117, 20.9020, 28.6026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

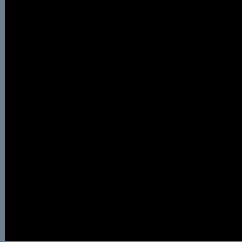
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

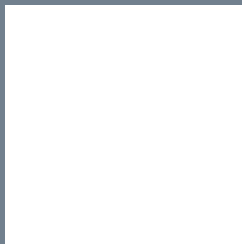
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4117, 20.9020, 28.6026

Background



This preview shows how black text looks on a background with the XYZ color 19.4117, 20.9020, 28.6026.

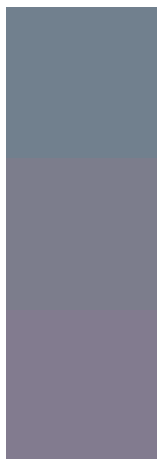


This preview shows how white text looks on a background with the XYZ color 19.4117, 20.9020,

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

19.4117, 20.9020, 28.6026

Protanopia

20.3794, 20.8458, 27.7605

Deuteranopia

21.2468, 20.8949, 28.8999



Tritanopia

19.1925, 21.0093, 27.4697

Trichromacy



Original Color

19.4117, 20.9020, 28.6026

Protanomaly

20.0143, 20.8379, 28.1665

Deuteranomaly

20.6037, 20.9355, 28.9416

Tritanomaly

19.2660, 21.0387, 27.8564

Monochromacy



Original Color

19.4117, 20.9020, 28.6026

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.4427, 20.6254, 24.4291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4117, 20.9020, 28.6026 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(113, 128, 142)` looks like.

```
.text, #text, p{  
    color:rgb(113, 128, 142)  
}
```

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(113, 128, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 128, 142) }
```

Border

The CSS property to change the border of an element to XYZ 19.4117, 20.9020, 28.6026 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(113, 128, 142) }
```


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

```
.border{ border-color:rgb(113, 128, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 128, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 128, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 128, 142); box-shadow:4px 4px 4px 4px rgb(113, 128, 142) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4117, 20.9020, 28.6026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 128, 142) }
```

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

```
.background{ background-color: rgb(113,  
128, 142) }
```

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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