

Converting Colors

XYZ(19.6520, 20.6898, 28.0639)

Have a look what the booklet for
XYZ(19.6520, 20.6898, 28.0639)
contains.

XYZ(19.6047, 20.6267, 28.1474)	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(19.6047, 20.6267,
28.1474)**

Conversions

Conversions Part 1

Format	Color
Hex	757E8D
RGB	117, 126, 141
RGB Percent	46%, 49%, 55%
CMY	0.5412, 0.5059, 0.4471
CMYK	0.17, 0.11, 0.00, 0.45
HSL	217°, 10%, 51%
HSV	217°, 17%, 55%
XYZ	19.6047, 20.6267, 28.1474
YIQ	125.0190, -10.1790, 2.7570

Conversions

Conversions Part 2

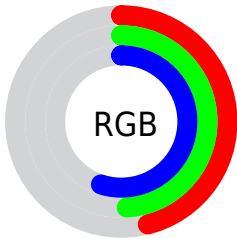
Format	Color
R_{YB}	117, 124, 141
Decimal	7700109
CIE Lab	52.54, -0.00, -9.24
CIE LCh	53, 9.236, 269.989
Yxy	20.6267, 0.2867, 0.3017
Android (android.graphics.Color)	4285890189 (0xFF757E8D)
YUV	125.0190, 7.8786, -7.0327
Hunter-Lab	45.4166, -2.4272, -4.9539

Details

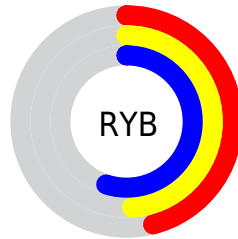
The XYZ color **19.6047, 20.6267, 28.1474** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.4468, 23.4496, 20.1732**, and the grayscale version is **19.4767, 20.4910, 22.3147**.

A 20% lighter version of the original color is **42.3326, 44.6153, 58.0102**, and **6.9261, 7.2920, 10.9400** is the 20% darker color. If you saturate the color by 10%, you get **16.7736, 17.5680, 27.7066**, and if you desaturate by 10%, it is **22.8217, 24.0327, 28.6356**.

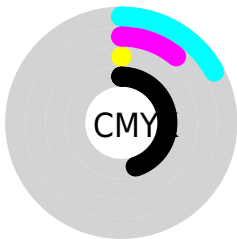
Distribution



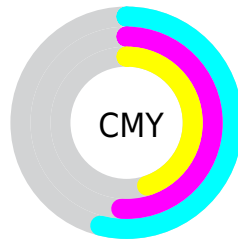
- Red (46%)
- Green (49%)
- Blue (55%)



- Red (46%)
- Yellow (49%)
- Blue (55%)



- Cyan (17%)
- Magenta (11%)
- Yellow (0%)
- Black (45%)



- Cyan (54%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6047, 20.6267, 28.1474 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 19.6047, 20.6267, 28.1474 by changing the saturation by 10% instead.

■ 19.6047, 20.6267,
28.1474

■ 19.6047, 20.6267,
28.1474

242.6416,
255.2879, 307.1046

■ 12.2146, 12.8514,
18.1968

■ 42.2625, 44.4654,
57.7456

■ 6.9633, 7.3263,
10.9205

■ 58.2608, 61.2977,
78.2303

■ 3.4853, 3.6670,
5.8999

■ 77.8594, 81.9176,
103.0634

■ 1.4153, 1.4891,
2.7165

101.4234,
106.7098, 132.6636

■ 0.2671, 0.2810,
0.9517

129.3183,
136.0585, 167.4492

■ 0.0000, 0.0000,
0.0000

161.9093,

170.3482, 207.8389

199.5620,
209.9632, 254.2512

■ 19.6047, 20.6267,
28.1474

■ 19.6047, 20.6267,
28.1474

■ 16.7736, 17.5680,
27.7066

■ 22.8217, 24.0327,
28.6356

■ 14.3112, 14.8425,
27.3103

■ 26.4371, 27.7946,
29.1712

■ 12.2019, 12.4386,
26.9574

■ 30.4652, 31.9238,
29.7559

■ 10.4281, 10.3431,
26.6465

■ 34.9189, 36.4303,
30.3910

■ 8.9703, 8.5419,
26.3756

■ 39.8105, 41.3237,
31.0777

■ 7.8073, 7.0192,
26.1430

■ 45.1520, 46.6135,
31.8172

■ 6.9145, 5.7577,
25.9466

■ 50.9547, 52.3085,
32.6106

■ 6.2509, 4.7312,
25.7834

■ 57.2295, 58.4175,
33.4590

■ 6.0756, 4.4588,
25.7401

■ 63.9872, 64.9488,
34.3635

Harmonies

Analogous

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



18.6997, 20.6267, 27.3346



19.6047, 20.6267, 28.1474



20.5386, 20.6267, 27.3358

Triad

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



19.6047, 20.6267, 28.1474



21.2412, 20.6267, 19.9283



18.0555, 20.6267, 19.9266

Complementary

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



19.6047, 20.6267, 28.1474



22.4468, 23.4496, 20.1732

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.



18.7003, 20.6267, 18.1997



19.6047, 20.6267, 28.1474



20.5392, 20.6267, 18.2006

Square

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



19.6047, 20.6267, 28.1474



21.5019, 20.6267, 22.4600



19.6054, 20.6267, 17.5937



17.8232, 20.6267, 22.4579

Rectangle

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



19.6047, 20.6267, 28.1474



21.0474, 20.6267, 26.0177



19.6054, 20.6267, 17.5937



18.2302, 20.6267, 19.2405

Sweetspot

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



19.6053, 20.6276, 28.1479



42.0523, 44.2773, 51.4578



21.0126, 24.4925, 25.3786



9.3069, 9.7999, 11.4805



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.



19.6053, 20.6276, 28.1479



33.3051, 35.0043, 50.1290



18.8875, 18.6249, 27.7992



5.2850, 5.5657, 6.8245



5.5541, 4.0941, 23.4746



0.0731, 0.0791, 0.2311

Inverse Universe

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



21.1122, 19.8922, 22.4664



36.4889, 33.5321, 38.1068



23.2505, 25.7548, 20.5758



5.4873, 5.4555, 6.0642



10.6065, 5.3996, 3.5794



0.1115, 0.0557, 0.0873

Previews

White Background



This preview shows how the XYZ color 19.6047, 20.6267, 28.1474 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 19.6047, 20.6267, 28.1474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

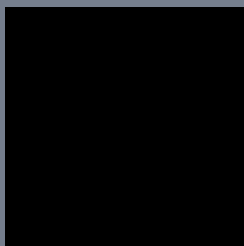
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

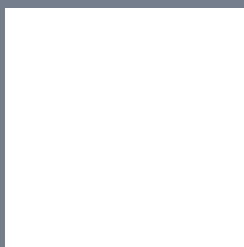
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.6047, 20.6267, 28.1474

Background



This preview shows how black text looks on a background with the XYZ color 19.6047, 20.6267, 28.1474.



This preview shows how white text looks on a background with the XYZ color 19.6047, 20.6267,

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

19.6047, 20.6267, 28.1474

Protanopia

20.1097, 20.5197, 27.7117

Deuteranopia

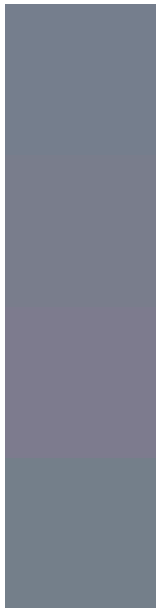
21.0479, 20.6179, 28.4615



Tritanopia

19.3072, 20.6979, 26.6444

Trichromacy



Original Color

19.6047, 20.6267, 28.1474

Protanomaly

19.9524, 20.6256, 27.7405

Deuteranomaly

20.4229, 20.4789, 28.4676

Tritanomaly

19.3793, 20.7267, 27.0240

Monochromacy



Original Color

19.6047, 20.6267, 28.1474

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.4564, 20.4435, 24.3933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6047, 20.6267, 28.1474 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(117, 126, 141)` looks like.

```
.text, #text, p{  
    color:rgb(117, 126, 141)  
}
```

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(117, 126, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 126, 141) }
```

Border

The CSS property to change the border of an element to XYZ 19.6047, 20.6267, 28.1474 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(117, 126, 141) }
```


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

```
.border{ border-color:rgb(117, 126, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 126, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 126, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 126, 141);  
box-shadow:4px 4px 4px 4px rgb(117, 126,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6047, 20.6267, 28.1474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 126, 141) }
```

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

```
.background{ background-color: rgb(117,  
126, 141) }
```

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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