

Converting Colors

XYZ(20.1983, 20.9744, 30.4538)

Have a look what the booklet for
XYZ(20.1983, 20.9744, 30.4538)
contains.

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Color

**XYZ(20.1985, 20.8798,
30.5694)**

Conversions

Conversions Part 1

Format	Color
Hex	767E93
RGB	118, 126, 147
RGB Percent	46%, 49%, 58%
CMY	0.5372, 0.5059, 0.4235
CMYK	0.20, 0.14, 0.00, 0.42
HSL	223°, 12%, 52%
HSV	223°, 20%, 58%
XYZ	20.1985, 20.8798, 30.5694
YIQ	126.0020, -11.5090, 4.8350

Conversions

Conversions Part 2

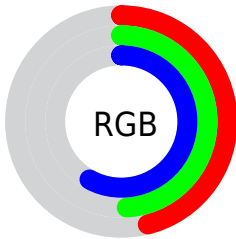
Format	Color
R _Y B	118, 124, 147
Decimal	7765651
CIE Lab	52.82, 1.75, -12.31
CIE LCh	53, 12.432, 278.082
Yxy	20.8798, 0.2819, 0.2914
Android (android.graphics.Color)	4285955731 (0xFF767E93)
YUV	126.0020, 10.3520, -7.0178
Hunter-Lab	45.6944, -1.0621, -7.6787

Details

The XYZ color **20.1985, 20.8798, 30.5694** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **24.5355, 25.9763, 20.8608**, and the grayscale version is **19.8011, 20.8323, 22.6863**.

A 20% lighter version of the original color is **43.2403, 45.0033, 61.6658**, and **7.2194, 7.4175, 12.1175** is the 20% darker color. If you saturate the color by 10%, you get **17.0664, 17.3514, 30.0538**, and if you desaturate by 10%, it is **23.7879, 24.8600, 31.1488**.

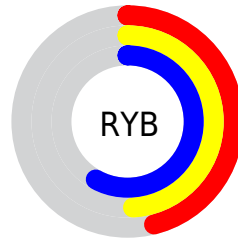
Distribution



Red (46%)

Green (49%)

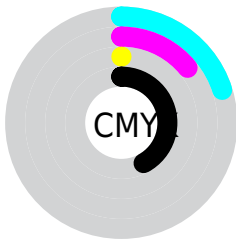
Blue (58%)



Red (46%)

Yellow (49%)

Blue (58%)

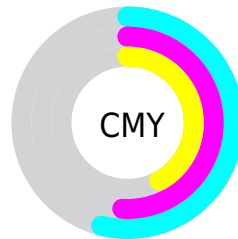


Cyan (20%)

Magenta (14%)

Yellow (0%)

Black (42%)



Cyan (54%)

Magenta (51%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1985, 20.8798, 30.5694 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 20.1985, 20.8798, 30.5694 by changing the saturation by 10% instead.

■ 20.1985, 20.8798,
30.5694

■ 20.1985, 20.8798,
30.5694

245.8008,
256.6390, 318.8392

■ 12.6485, 13.0362,
20.0155

■ 43.2511, 44.8874,
61.6331

■ 7.2623, 7.4535,
12.2221

■ 59.4845, 61.8202,
82.9800

■ 3.6745, 3.7473,
6.7708

■ 79.3431, 82.5514,
108.7615

■ 1.5197, 1.5332,
3.2429

103.1921,
107.4656, 139.3964

■ 0.3392, 0.3119,
1.2199

131.3971,
136.9470, 175.3030

■ 0.0000, 0.0000,
0.0000

164.3233,

171.3801, 216.9000

202.3361,
211.1493, 264.6059

■ 20.1985, 20.8798,
30.5694

■ 20.1985, 20.8798,
30.5694

■ 17.0664, 17.3514,
30.0538

■ 23.7879, 24.8600,
31.1488

■ 14.3707, 14.2558,
29.5983

■ 27.8504, 29.3049,
31.7927

■ 12.0919, 11.5764,
29.2013

■ 32.4033, 34.2303,
32.5034

■ 10.2080, 9.2944,
28.8601

■ 37.4628, 39.6502,
33.2829

■ 8.6951, 7.3897,
28.5722

■ 43.0438, 45.5781,
34.1329

■ 7.5263, 5.8398,
28.3346

■ 49.1611, 52.0271,
35.0553

■ 6.6707, 4.6200,
28.1443

■ 55.8286, 59.0096,
36.0516

■ 6.0593, 3.6846,
27.9960

■ 63.0598, 66.5378,
37.1236

■ 6.0443, 3.6621,
27.9924

■ 70.8677, 74.6232,
38.2727

Harmonies

Analogous

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



18.9287, 20.8798, 30.0298



20.1985, 20.8798, 30.5694



21.4248, 20.8798, 28.8364

Triad

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



20.1985, 20.8798, 30.5694



21.8753, 20.8798, 18.6055



17.6195, 20.8798, 20.1699

Complementary

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



20.1985, 20.8798, 30.5694



24.5355, 25.9763, 20.8608

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.



18.3460, 20.8798, 17.5606



20.1985, 20.8798, 30.5694



20.7917, 20.8798, 16.7283

Square

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



20.1985, 20.8798, 30.5694



22.4201, 20.8798, 21.7446



19.4969, 20.8798, 16.3677



17.4762, 20.8798, 23.7541

Rectangle

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



20.1985, 20.8798, 30.5694



22.0399, 20.8798, 26.7261



19.4969, 20.8798, 16.3677



17.8020, 20.8798, 19.1616

Sweetspot

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



20.1991, 20.8807, 30.5699



45.1229, 47.2916, 56.1845



22.5497, 26.5771, 28.2850



10.2070, 10.6930, 12.8108



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.1991, 20.8807, 30.5699



33.3996, 34.2827, 54.2915



20.0985, 19.3702, 30.2836



5.6220, 5.8780, 7.3080



5.2586, 3.2120, 24.2739



0.0864, 0.0834, 0.3045

Inverse Universe

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



22.2775, 20.6668, 22.5545



37.9005, 33.9358, 36.9068



24.6405, 27.8137, 21.2099



5.8626, 5.8401, 6.3828



10.7814, 5.5176, 2.3298



0.1431, 0.0720, 0.0872

Previews

White Background



This preview shows how the XYZ color 20.1985, 20.8798, 30.5694 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 20.1985, 20.8798, 30.5694 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

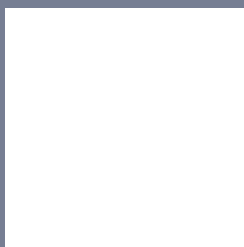
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.1985, 20.8798, 30.5694

Background



This preview shows how black text looks on a background with the XYZ color 20.1985, 20.8798, 30.5694.

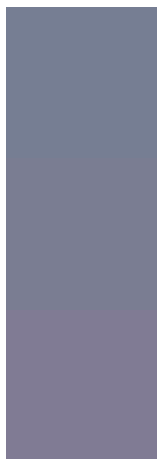


This preview shows how white text looks on a background with the XYZ color 20.1985, 20.8798,

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

20.1985, 20.8798, 30.5694

Protanopia

20.5480, 20.8801, 30.1414

Deuteranopia

21.3303, 20.8932, 30.9255



Tritanopia

19.5091, 20.9863, 27.0673

Trichromacy



Original Color

20.1985, 20.8798, 30.5694

Protanomaly

20.4071, 20.8075, 30.1348

Deuteranomaly

20.8651, 20.8385, 30.9395

Tritanomaly

19.7332, 20.8837, 28.1902

Monochromacy



Original Color

20.1985, 20.8798, 30.5694

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.9323, 20.8539, 25.5289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1985, 20.8798, 30.5694 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(118, 126, 147) looks like.

```
.text, #text, p{  
    color:rgb(118, 126, 147)  
}
```

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(118, 126, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 126, 147) }
```

Border

The CSS property to change the border of an element to XYZ 20.1985, 20.8798, 30.5694 is called "border". The border property can be set on classes, ids or directly on the HTML element.

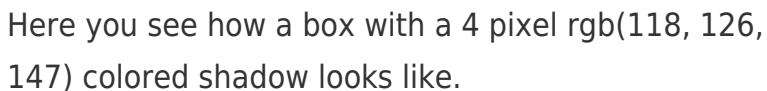
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 126, 147) }
```


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

```
.border{ border-color:rgb(118, 126, 147) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 126, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 126, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 126, 147); box-shadow:4px 4px 4px 4px rgb(118, 126, 147) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1985, 20.8798, 30.5694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 126, 147) }
```

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

```
.background{ background-color: rgb(118,  
126, 147) }
```

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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