

Converting Colors

XYZ(20.8194, 26.3973, 38.6482)

Have a look what the booklet for
XYZ(20.8194, 26.3973, 38.6482)
contains.

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Color

**XYZ(20.8194, 26.3973,
38.6482)**

Conversions

Conversions Part 1

Format	Color
Hex	4E97A3
RGB	78, 151, 163
RGB Percent	31%, 59%, 64%
CMY	0.6941, 0.4078, 0.3608
CMYK	0.52, 0.07, 0.00, 0.36
HSL	188°, 35%, 47%
HSV	188°, 52%, 64%
XYZ	20.8194, 26.3973, 38.6482
YIQ	130.5410, -47.3600, -11.7440

Conversions

Conversions Part 2

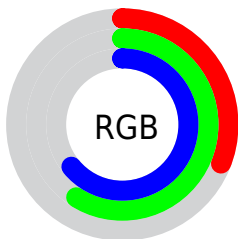
Format	Color
R _Y B	78, 117, 163
Decimal	5150627
CIE Lab	58.41, -19.34, -13.31
CIE LCh	58, 23.478, 214.537
Yxy	26.3973, 0.2425, 0.3074
Android (android.graphics.Color)	4283340707 (0xFF4E97A3)
YUV	130.5410, 16.0023, -46.0785
Hunter-Lab	51.3783, -17.5807, -8.6348

Details

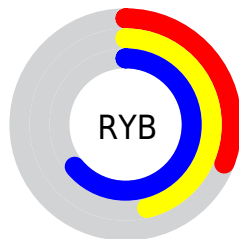
The XYZ color **20.8194, 26.3973, 38.6482** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.1362, 15.6496, 9.1679**, and the grayscale version is **21.3677, 22.4804, 24.4812**.

A 20% lighter version of the original color is **44.1591, 53.7111, 74.3695**, and **7.5644, 10.3332, 16.6347** is the 20% darker color. If you saturate the color by 10%, you get **19.2794, 25.0596, 38.4716**, and if you desaturate by 10%, it is **22.6993, 27.9222, 38.8439**.

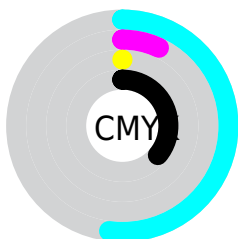
Distribution



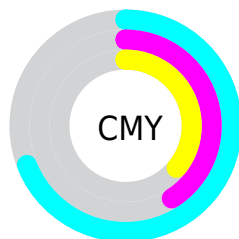
- Red (31%)
- Green (59%)
- Blue (64%)



- Red (31%)
- Yellow (46%)
- Blue (64%)



- Cyan (52%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (69%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8194, 26.3973, 38.6482 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 20.8194, 26.3973, 38.6482 by changing the saturation by 10% instead.

■ 20.8194, 26.3973,
38.6482

■ 20.8194, 26.3973,
38.6482

249.0671,
284.7270, 355.7737

■ 13.1038, 17.1211,
26.1804

■ 44.2803, 53.9152,
74.3150

■ 7.5775, 10.3209,
16.7317

■ 60.7563, 72.9257,
98.3511

■ 3.8753, 5.6122,
9.8835

■ 80.8831, 95.9497,
127.0804

■ 1.6319, 2.6108,
5.2172

■ 105.0261,
123.3717, 160.9214

■ 0.4130, 0.9321,
2.3143

■ 133.5507,
155.5760, 200.2927

■ 0.0000, 0.0000,
0.7392

166.8221,

■ 0.0000, 0.0000,

192.9471, 245.6128

0.0000

205.2058,
235.8693, 297.3003

■ 20.8194, 26.3973,
38.6482

■ 20.8194, 26.3973,
38.6482

■ 19.2794, 25.0596,
38.4716

■ 22.6993, 27.9222,
38.8439

■ 18.0518, 23.8930,
38.3112

■ 24.9391, 29.6427,
39.0580

■ 17.1089, 22.8838,
38.1661

■ 27.5599, 31.5706,
39.2920

■ 16.4171, 22.0146,
38.0348

■ 30.5808, 33.7156,
39.5468

■ 15.9877, 21.3980,
37.9384

■ 34.0193, 36.0868,
39.8232

■ 37.8920, 38.6930,
40.1222

■ 42.2146, 41.5421,
40.4443

■ 47.0019, 44.6420,
40.7903

■ 52.2681, 47.9999,
41.1609

Harmonies

Analogous

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



19.9885, 26.3973, 30.0085



20.8194, 26.3973, 38.6482



22.7949, 26.3973, 45.4720

Triad

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



20.8194, 26.3973, 38.6482



30.4003, 26.3973, 36.0738



24.6565, 26.3973, 15.7074

Complementary

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



20.8194, 26.3973, 38.6482



20.1362, 15.6496, 9.1679

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.



27.5339, 26.3973, 16.7199



20.8194, 26.3973, 38.6482



30.9927, 26.3973, 27.5120

Square

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



20.8194, 26.3973, 38.6482



28.3449, 26.3973, 43.7983



29.9076, 26.3973, 20.6924



22.0941, 26.3973, 17.6049

Rectangle

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



20.8194, 26.3973, 38.6482



24.5690, 26.3973, 47.4848



29.9076, 26.3973, 20.6924



25.6180, 26.3973, 15.7223

Sweetspot

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



20.8202, 26.3983, 38.6488



52.4318, 58.7380, 70.6302



18.0570, 28.5416, 14.0830



11.5396, 13.0244, 15.8433



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



20.8202, 26.3983, 38.6488



34.0387, 44.4323, 68.8384



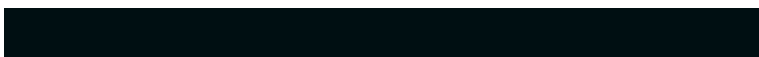
15.2400, 15.2378, 36.7887



7.1905, 7.8400, 9.0374



12.4502, 16.6798, 29.4931



0.2835, 0.3942, 0.6270

Inverse Universe

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



23.4153, 15.4705, 31.0312



39.4035, 23.2806, 52.7680



24.7087, 24.7947, 10.6921



7.3211, 7.1849, 8.6775



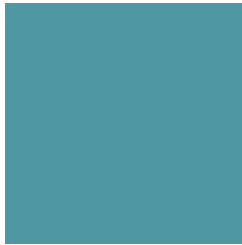
15.4298, 7.5280, 19.9856



0.3353, 0.1626, 0.4781

Previews

White Background



This preview shows how the XYZ color 20.8194, 26.3973, 38.6482 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 20.8194, 26.3973, 38.6482 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 20.8194, 26.3973, 38.6482

Background



This preview shows how black text looks on a background with the XYZ color 20.8194, 26.3973, 38.6482.



This preview shows how white text looks on a background with the XYZ color 20.8194, 26.3973,

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

20.8194, 26.3973, 38.6482

Protanopia

25.6302, 26.2351, 34.7234

Deuteranopia

26.6438, 26.2199, 39.7331



Tritanopia

20.8194, 26.3973, 38.6482

Trichromacy



Original Color

20.8194, 26.3973, 38.6482

Protanomaly

23.1965, 25.8265, 36.1102

Deuteranomaly

23.8007, 25.8445, 39.3314

Tritanomaly

20.8194, 26.3973, 38.6482

Monochromacy



Original Color

20.8194, 26.3973, 38.6482

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.7285, 23.6049, 29.4503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8194, 26.3973, 38.6482 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(78, 151, 163)` looks like.

```
.text, #text, p{  
  color:rgb(78, 151, 163)  
}
```

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(78, 151, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 151, 163) }
```

Border

The CSS property to change the border of an element to XYZ 20.8194, 26.3973, 38.6482 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(78, 151, 163) }
```


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

```
.border{ border-color:rgb(78, 151, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 151, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 151, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 151, 163);  
box-shadow:4px 4px 4px 4px rgb(78, 151,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8194, 26.3973, 38.6482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 151, 163) }
```

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

```
.background{ background-color: rgb(78, 151,  
163) }
```

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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