

Converting Colors

XYZ(20.9330, 26.1348, 38.0267)

Have a look what the booklet for
XYZ(20.9330, 26.1348, 38.0267)
contains.

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Color

**XYZ(20.9952, 26.2603,
38.1446)**

Conversions

Conversions Part 1

Format	Color
Hex	5396A2
RGB	83, 150, 162
RGB Percent	33%, 59%, 64%
CMY	0.6745, 0.4118, 0.3647
CMYK	0.49, 0.07, 0.00, 0.36
HSL	189°, 32%, 48%
HSV	189°, 49%, 64%
XYZ	20.9952, 26.2603, 38.1446
YIQ	131.3350, -43.7840, -10.4720

Conversions

Conversions Part 2

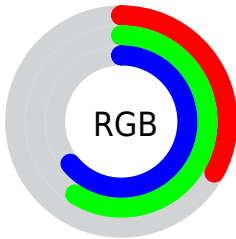
Format	Color
R_{YB}	83, 119, 162
Decimal	5478050
CIE _{Lab}	58.28, -17.94, -12.92
CIE _{LCh}	58, 22.104, 215.753
Yxy	26.2603, 0.2458, 0.3075
Android (android.graphics.Color)	4283668130 (0xFF5396A2)
YUV	131.3350, 15.1178, -42.3898
Hunter-Lab	51.2448, -16.5462, -8.2618

Details

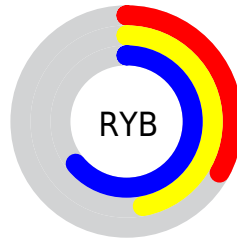
The XYZ color **20.9952, 26.2603, 38.1446** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.5544, 16.4909, 10.2841**, and the grayscale version is **21.6527, 22.7803, 24.8077**.

A 20% lighter version of the original color is **44.5985, 53.5988, 73.6406**, and **7.6530, 10.2437, 16.3257** is the 20% darker color. If you saturate the color by 10%, you get **19.3412, 24.8314, 37.9564**, and if you desaturate by 10%, it is **22.9931, 27.8799, 38.3524**.

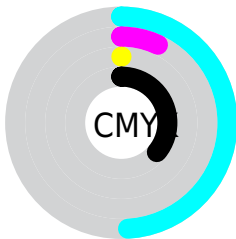
Distribution



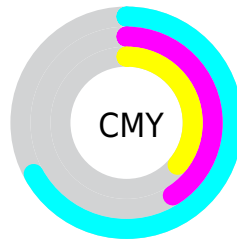
- Red (33%)
- Green (59%)
- Blue (64%)



- Red (33%)
- Yellow (47%)
- Blue (64%)



- Cyan (49%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (67%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9952, 26.2603, 38.1446 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 20.9952, 26.2603, 38.1446 by changing the saturation by 10% instead.

■ 20.9952, 26.2603,
38.1446

■ 20.9952, 26.2603,
38.1446

■ 249.9852,
284.0575, 353.5566

■ 13.2329, 17.0185,
25.7922

■ 44.5709, 53.6946,
73.5356

■ 7.6672, 10.2477,
16.4439

■ 61.1150, 72.6558,
97.4113

■ 3.9328, 5.5635,
9.6811

■ 81.3171, 95.6257,
125.9652

■ 1.6642, 2.5815,
5.0852

■ 105.5426,
122.9885, 159.6159

■ 0.4337, 0.9174,
2.2377

■ 134.1568,
155.1287, 198.7818

■ 0.0000, 0.0000,
0.6960

167.5251,

■ 0.0000, 0.0000,

192.4307, 243.8815

0.0000

206.0127,
235.2788, 295.3336

■ 20.9952, 26.2603,
38.1446

■ 20.9952, 26.2603,
38.1446

■ 19.3412, 24.8314,
37.9564

■ 22.9931, 27.8799,
38.3524

■ 18.0048, 23.5779,
37.7849

■ 25.3538, 29.6982,
38.5789

■ 16.9604, 22.4869,
37.6294

■ 28.0976, 31.7265,
38.8258

■ 16.1765, 21.5423,
37.4884

■ 31.2429, 33.9741,
39.0939

■ 15.5922, 20.7125,
37.3590

■ 34.8065, 36.4500,
39.3839

■ 15.5237, 20.6126,
37.3433

■ 38.8046, 39.1624,
39.6968

■ 43.2522, 42.1192,
40.0331

■ 48.1637, 45.3279,
40.3935

■ 53.5530, 48.7958,
40.7789

Harmonies

Analogous

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



20.1616, 26.2603, 30.1028



20.9952, 26.2603, 38.1446



22.8964, 26.2603, 44.3268

Triad

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



20.9952, 26.2603, 38.1446



29.9757, 26.2603, 35.1138



24.4451, 26.2603, 16.2478

Complementary

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



20.9952, 26.2603, 38.1446



20.5544, 16.4909, 10.2841

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.



27.1432, 26.2603, 17.1074



20.9952, 26.2603, 38.1446



30.4642, 26.2603, 27.1346

Square

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



20.9952, 26.2603, 38.1446



28.1034, 26.2603, 42.3687



29.3941, 26.2603, 20.7859



22.0595, 26.2603, 18.1828

Rectangle

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



20.9952, 26.2603, 38.1446



24.5788, 26.2603, 46.0434



29.3941, 26.2603, 20.7859



25.3444, 26.2603, 16.2246

Sweetspot

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



20.9960, 26.2613, 38.1452



52.9104, 58.9698, 70.6497



18.5470, 28.5037, 15.3158



11.6344, 13.0650, 15.8461



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.



20.9960, 26.2613, 38.1452



34.7493, 44.7515, 68.8625



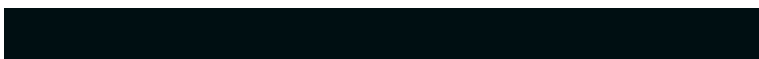
15.7359, 15.7411, 36.3918



7.1841, 7.8271, 9.0352



12.2548, 16.2890, 29.4280



0.2807, 0.3888, 0.6261

Inverse Universe

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



23.4992, 16.0706, 30.7186



40.0311, 24.5615, 52.8981



25.0358, 25.4537, 11.7779



7.3179, 7.1836, 8.6603



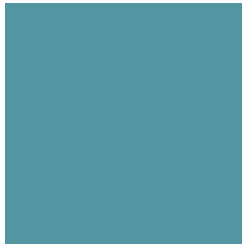
15.3311, 7.4885, 19.4662



0.3339, 0.1620, 0.4708

Previews

White Background



This preview shows how the XYZ color 20.9952, 26.2603, 38.1446 looks on a white background.

Color Contrast Check

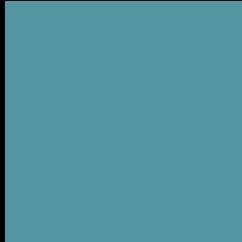
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9952, 26.2603, 38.1446 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

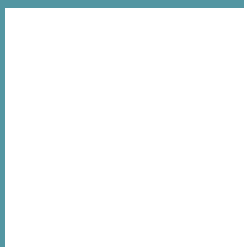
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.9952, 26.2603, 38.1446

Background



This preview shows how black text looks on a background with the XYZ color 20.9952, 26.2603, 38.1446.



This preview shows how white text looks on a background with the XYZ color 20.9952, 26.2603,

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

20.9952, 26.2603, 38.1446

Protanopia

25.3214, 25.8619, 34.6676

Deuteranopia

26.5802, 25.9877, 39.2125



Tritanopia

20.9952, 26.2603, 38.1446

Trichromacy



Original Color

20.9952, 26.2603, 38.1446

Protanomaly

23.1807, 25.5965, 36.0666

Deuteranomaly

23.9714, 25.7232, 38.8236

Tritanomaly

20.9952, 26.2603, 38.1446

Monochromacy



Original Color

20.9952, 26.2603, 38.1446

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.9104, 23.7074, 29.0651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9952, 26.2603, 38.1446 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(83, 150, 162)` looks like.

```
.text, #text, p{  
    color:rgb(83, 150, 162)  
}
```

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(83, 150, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 150, 162) }
```

Border

The CSS property to change the border of an element to XYZ 20.9952, 26.2603, 38.1446 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(83, 150, 162) }
```


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

```
.border{ border-color:rgb(83, 150, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 150, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 150, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 150, 162);  
box-shadow:4px 4px 4px 4px rgb(83, 150,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9952, 26.2603, 38.1446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 150, 162) }
```

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

```
.background{ background-color: rgb(83, 150,  
162) }
```

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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