

Converting Colors

XYZ(20.9137, 26.5121, 34.4048)

Have a look what the booklet for
XYZ(20.9137, 26.5121, 34.4048)
contains.

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Color

**XYZ(20.9238, 26.5410,
34.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	58979A
RGB	88, 151, 154
RGB Percent	35%, 59%, 60%
CMY	0.6549, 0.4078, 0.3961
CMYK	0.43, 0.02, 0.00, 0.40
HSL	183°, 27%, 47%
HSV	183°, 43%, 60%
XYZ	20.9238, 26.5410, 34.5920
YIQ	132.5050, -38.5110, -12.4230

Conversions

Conversions Part 2

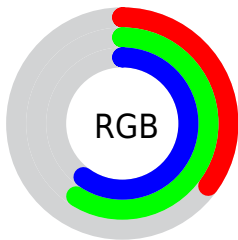
Format	Color
R_{YB}	88, 120, 154
Decimal	5805978
CIE _{Lab}	58.55, -19.42, -7.94
CIE _{LCh}	59, 20.979, 202.239
Yxy	26.5410, 0.2550, 0.3234
Android (android.graphics.Color)	4283996058 (0xFF58979A)
YUV	132.5050, 10.5970, -39.0309
Hunter-Lab	51.5180, -17.6594, -3.7480

Details

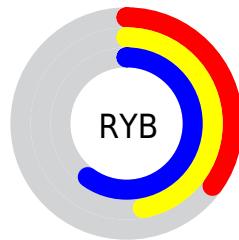
The XYZ color **20.9238, 26.5410, 34.5920** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.8293, 15.0571, 11.1469**, and the grayscale version is **22.0880, 23.2383, 25.3065**.

A 20% lighter version of the original color is **44.3718, 53.9675, 67.7526**, and **7.6326, 10.4169, 14.4404** is the 20% darker color. If you saturate the color by 10%, you get **19.5052, 25.6436, 34.4940**, and if you desaturate by 10%, it is **22.6526, 27.6005, 34.7059**.

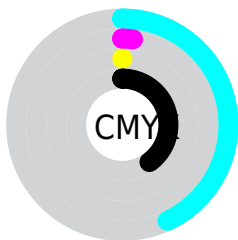
Distribution



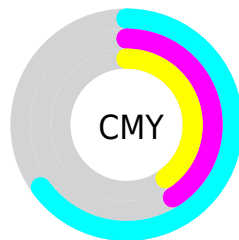
- Red (35%)
- Green (59%)
- Blue (60%)



- Red (35%)
- Yellow (47%)
- Blue (60%)



- Cyan (43%)
- Magenta (2%)
- Yellow (0%)
- Black (40%)



- Cyan (65%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9238, 26.5410, 34.5920 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 20.9238, 26.5410, 34.5920 by changing the saturation by 10% instead.

■ 20.9238, 26.5410,
34.5920

■ 20.9238, 26.5410,
34.5920

249.6126,
285.4278, 337.6131

■ 13.1805, 17.2288,
23.0677

■ 44.4529, 54.1464,
67.9976

■ 7.6308, 10.3978,
14.4378

■ 60.9694, 73.2085,
90.7160

■ 3.9094, 5.6635,
8.2835

■ 81.1410, 96.2892,
118.0029

■ 1.6510, 2.6415,
4.1865

■ 105.3330,
123.7731, 150.2768

■ 0.4253, 0.9476,
1.7282

133.9108,
156.0445, 187.9562

■ 0.0000, 0.0000,
0.3800

167.2398,

■ 0.0000, 0.0000,

193.4878, 231.4597

0.0000

205.6853,
236.4875, 281.2058

■ 20.9238, 26.5410,
34.5920

■ 20.9238, 26.5410,
34.5920

■ 19.5052, 25.6436,
34.4940

■ 22.6526, 27.6005,
34.7059

■ 18.3749, 24.8953,
34.4091

■ 24.7071, 28.8283,
34.8346

■ 17.5118, 24.2857,
34.3370

■ 27.1046, 30.2339,
34.9795

■ 16.8911, 23.8020,
34.2763

■ 29.8604, 31.8252,
35.1414

■ 16.4832, 23.4290,
34.2258

■ 32.9889, 33.6097,
35.3210

■ 16.2673, 23.2020,
34.1934

■ 36.5039, 35.5944,
35.5188

■ 40.4183, 37.7860,
35.7355

■ 44.7444, 40.1908,
35.9717

■ 49.4941, 42.8150,
36.2278

Harmonies

Analogous

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



20.6406, 26.5410, 27.0296



20.9238, 26.5410, 34.5920



22.3201, 26.5410, 41.5915

Triad

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



20.9238, 26.5410, 34.5920



29.3378, 26.5410, 38.4589



25.8995, 26.5410, 17.0229

Complementary

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



20.9238, 26.5410, 34.5920



18.8293, 15.0571, 11.1469

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.



28.3747, 26.5410, 19.0930



20.9238, 26.5410, 34.5920



30.4457, 26.5410, 30.8519

Square

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



20.9238, 26.5410, 34.5920



27.1431, 26.5410, 44.0751



30.0818, 26.5410, 23.8670



23.4022, 26.5410, 17.6798

Rectangle

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



20.9238, 26.5410, 34.5920



23.7490, 26.5410, 44.5782



30.0818, 26.5410, 23.8670



26.7638, 26.5410, 17.4087

Sweetspot

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



20.9246, 26.5420, 34.5926



49.0482, 54.8117, 63.5309



17.4346, 25.9280, 13.8038



10.8855, 12.2802, 14.3670



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.9246, 26.5420, 34.5926



35.6265, 46.7084, 62.6742



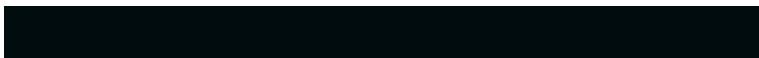
16.4308, 17.5545, 33.0947



6.3605, 6.9784, 7.9407



13.2604, 18.9174, 27.8602



0.2046, 0.2955, 0.4186

Inverse Universe

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



22.4027, 16.0844, 31.2032



38.6961, 25.3701, 55.5501



22.1962, 21.7908, 12.2692



6.4491, 6.3188, 7.7450



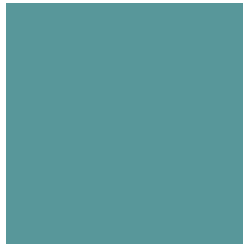
15.1520, 7.3150, 23.1231



0.2297, 0.1106, 0.3626

Previews

White Background



This preview shows how the XYZ color 20.9238, 26.5410, 34.5920 looks on a white background.

Color Contrast Check

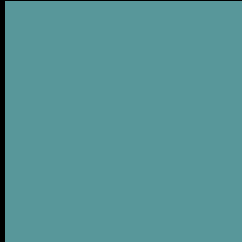
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9238, 26.5410, 34.5920 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

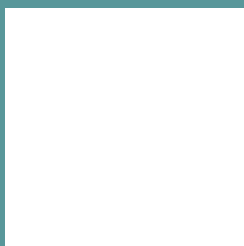
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.9238, 26.5410, 34.5920

Background



This preview shows how black text looks on a background with the XYZ color 20.9238, 26.5410, 34.5920.

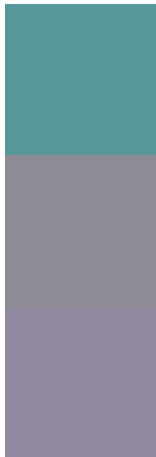


This preview shows how white text looks on a background with the XYZ color 20.9238, 26.5410,

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

20.9238, 26.5410, 34.5920

Protanopia

25.4836, 26.2345, 31.3244

Deuteranopia

26.7440, 26.1536, 35.5369



Tritanopia

21.6444, 26.5950, 38.1750

Trichromacy



Original Color

20.9238, 26.5410, 34.5920

Protanomaly

23.3535, 25.9845, 32.6388

Deuteranomaly

23.9831, 25.8100, 35.1703

Tritanomaly

21.2842, 26.4397, 36.7825

Monochromacy



Original Color

20.9238, 26.5410, 34.5920

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.5219, 24.4612, 28.7865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9238, 26.5410, 34.5920 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(88, 151, 154)` looks like.

```
.text, #text, p{  
    color:rgb(88, 151, 154)  
}
```

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(88, 151, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 151, 154) }
```

Border

The CSS property to change the border of an element to XYZ 20.9238, 26.5410, 34.5920 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(88, 151, 154) }
```


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

```
.border{ border-color:rgb(88, 151, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 151, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 151, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 151, 154);  
box-shadow:4px 4px 4px 4px rgb(88, 151,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9238, 26.5410, 34.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 151, 154) }
```

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

```
.background{ background-color: rgb(88, 151,  
154) }
```

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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