

Converting Colors

XYZ(18.8870, 21.3020, 34.1266)

Have a look what the booklet for
XYZ(18.8870, 21.3020, 34.1266)
contains.

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Color

**XYZ(18.8870, 21.3020,
34.1266)**

Conversions

Conversions Part 1

Format	Color
Hex	5F849B
RGB	95, 132, 155
RGB Percent	37%, 52%, 61%
CMY	0.6274, 0.4823, 0.3922
CMYK	0.39, 0.15, 0.00, 0.39
HSL	203°, 24%, 49%
HSV	203°, 39%, 61%
XYZ	18.8870, 21.3020, 34.1266
YIQ	123.5590, -29.4350, -0.6910

Conversions

Conversions Part 2

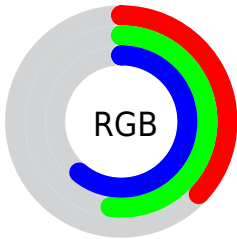
Format	Color
R_{YB}	95, 118, 155
Decimal	6259867
CIE _{Lab}	53.28, -6.84, -16.41
CIE _{LCh}	53, 17.778, 247.368
Yxy	21.3020, 0.2541, 0.2866
Android (android.graphics.Color)	4284449947 (0xFF5F849B)
YUV	123.5590, 15.5004, -25.0462
Hunter-Lab	46.1541, -7.7246, -11.5315

Details

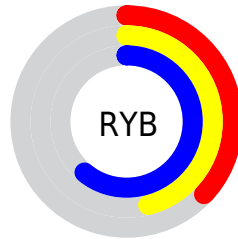
The XYZ color **18.8870, 21.3020, 34.1266** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.0620, 20.7521, 13.6699**, and the grayscale version is **18.9694, 19.9573, 21.7335**.

A 20% lighter version of the original color is **41.0703, 45.5973, 66.9581**, and **6.6307, 7.7215, 14.2376** is the 20% darker color. If you saturate the color by 10%, you get **16.6516, 18.9878, 33.7981**, and if you desaturate by 10%, it is **21.4901, 23.8748, 34.4864**.

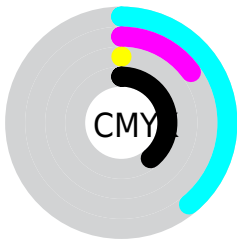
Distribution



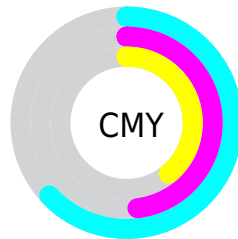
- Red (37%)
- Green (52%)
- Blue (61%)



- Red (37%)
- Yellow (46%)
- Blue (61%)



- Cyan (39%)
- Magenta (15%)
- Yellow (0%)
- Black (39%)



- Cyan (63%)
- Magenta (48%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8870, 21.3020, 34.1266 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 18.8870, 21.3020, 34.1266 by changing the saturation by 10% instead.

■ 18.8870, 21.3020,
34.1266

■ 18.8870, 21.3020,
34.1266

238.7743,
258.8791, 335.4826

■ 11.6922, 13.3449,
22.7127

■ 41.0614, 45.5896,
67.2666

■ 6.6051, 7.6665,
14.1782

■ 56.7717, 62.6889,
89.8299

■ 3.2605, 3.8823,
8.1046

■ 76.0512, 83.6045,
116.9467

■ 1.2930, 1.6079,
4.0732

■ 99.2653, 108.7206,
149.0355

■ 0.1780, 0.3629,
1.6656

126.7793,
138.4218, 186.5150

■ 0.0000, 0.0000,
0.3370

158.9586,

■ 0.0000, 0.0000,

173.0923, 229.8036

0.0000

196.1685,
213.1166, 279.3200

■ 18.8870, 21.3020,
34.1266

■ 18.8870, 21.3020,
34.1266

■ 16.6516, 18.9878,
33.7981

■ 21.4901, 23.8748,
34.4864

■ 14.7618, 16.9184,
33.4983

■ 24.4770, 26.7143,
34.8770

■ 13.1966, 15.0821,
33.2263

■ 27.8655, 29.8310,
35.3000

■ 11.9313, 13.4650,
32.9809

■ 31.6714, 33.2343,
35.7563

■ 10.9371, 12.0513,
32.7604

■ 35.9097, 36.9329,
36.2468

■ 10.1567, 10.8099,
32.5619

■ 40.5947, 40.9351,
36.7724

■ 10.0617, 10.6570,
32.5374

■ 45.7399, 45.2489,
37.3339

■ 51.3584, 49.8820,
37.9320

■ 57.4624, 54.8417,
38.5676

Harmonies

Analogous

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



17.5068, 21.3020, 30.0649



18.8870, 21.3020, 34.1266



20.7142, 21.3020, 35.0559

Triad

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



18.8870, 21.3020, 34.1266



24.0492, 21.3020, 21.8913



18.1305, 21.3020, 15.8986

Complementary

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



18.8870, 21.3020, 34.1266



22.0620, 20.7521, 13.6699

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.



19.7867, 21.3020, 14.3647



18.8870, 21.3020, 34.1266



23.2590, 21.3020, 17.4593

Square

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



18.8870, 21.3020, 34.1266



23.7714, 21.3020, 27.4122



21.6706, 21.3020, 14.8883



17.0892, 21.3020, 19.4329

Rectangle

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



18.8870, 21.3020, 34.1266



21.9552, 21.3020, 33.6608



21.6706, 21.3020, 14.8883



18.6296, 21.3020, 15.1590

Sweetspot

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



18.8877, 21.3028, 34.1271



47.6800, 51.3978, 62.9440



19.6521, 27.1604, 21.0370



10.6274, 11.4825, 14.2266



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.



18.8877, 21.3028, 34.1271



30.4990, 34.7223, 60.6309



15.4866, 14.5006, 32.9934



6.1856, 6.6285, 7.8824



8.1191, 8.6348, 26.1465



0.1564, 0.1991, 0.4026

Inverse Universe

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



21.7752, 16.8196, 23.9295



36.5305, 26.1216, 39.1588



26.0173, 28.6627, 14.9883



6.3608, 6.2835, 7.2800



12.5569, 6.2770, 9.4576



0.2054, 0.1009, 0.2344

Previews

White Background



This preview shows how the XYZ color 18.8870, 21.3020, 34.1266 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 18.8870, 21.3020, 34.1266 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 18.8870, 21.3020, 34.1266

Background



This preview shows how black text looks on a background with the XYZ color 18.8870, 21.3020, 34.1266.



This preview shows how white text looks on a background with the XYZ color 18.8870, 21.3020,

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

18.8870, 21.3020, 34.1266

Protanopia

21.0728, 21.2936, 32.2776

Deuteranopia

21.6056, 21.1347, 34.8390



Tritanopia

18.0496, 21.3698, 29.9615

Trichromacy



Original Color

18.8870, 21.3020, 34.1266

Protanomaly

20.0688, 21.1501, 32.7304

Deuteranomaly

20.4002, 21.0898, 34.4480

Tritanomaly

18.3265, 21.2721, 31.5738

Monochromacy



Original Color

18.8870, 21.3020, 34.1266

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.7726, 20.4387, 25.8773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8870, 21.3020, 34.1266 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(95, 132, 155) looks like.

```
.text, #text, p{  
    color:rgb(95, 132, 155)  
}
```

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(95, 132, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 132, 155) }
```

Border

The CSS property to change the border of an element to XYZ 18.8870, 21.3020, 34.1266 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(95, 132, 155) }
```


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

```
.border{ border-color:rgb(95, 132, 155) }
```

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

Here you see how a box with a 4 pixel rgb(95, 132, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 132, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 132, 155);  
box-shadow:4px 4px 4px 4px rgb(95, 132,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8870, 21.3020, 34.1266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 132, 155) }
```

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

```
.background{ background-color: rgb(95, 132,  
155) }
```

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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