

Converting Colors

XYZ(20.2188, 21.4255, 34.0807)

Have a look what the booklet for
XYZ(20.2188, 21.4255, 34.0807)
contains.

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Color

**XYZ(20.1971, 21.3821,
34.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	6E819B
RGB	110, 129, 155
RGB Percent	43%, 51%, 61%
CMY	0.5686, 0.4941, 0.3922
CMYK	0.29, 0.17, 0.00, 0.39
HSL	215°, 18%, 52%
HSV	215°, 29%, 61%
XYZ	20.1971, 21.3821, 34.0730
YIQ	126.2830, -19.6700, 4.0580

Conversions

Conversions Part 2

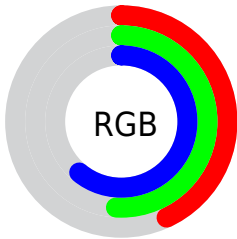
Format	Color
R_{YB}	110, 123, 155
Decimal	7242139
CIE _{Lab}	53.37, -0.62, -16.19
CIE _{LCh}	53, 16.200, 267.811
Yxy	21.3821, 0.2670, 0.2826
Android (android.graphics.Color)	4285432219 (0xFF6E819B)
YUV	126.2830, 14.1575, -14.2802
Hunter-Lab	46.2408, -2.9559, -11.3199

Details

The XYZ color **20.1971, 21.3821, 34.0730** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **25.1366, 25.7029, 18.3889**, and the grayscale version is **19.8862, 20.9218, 22.7838**.

A 20% lighter version of the original color is **43.1369, 45.7407, 66.8769**, and **7.2918, 7.7289, 14.2042** is the 20% darker color. If you saturate the color by 10%, you get **17.3064, 18.2173, 33.6148**, and if you desaturate by 10%, it is **23.5299, 24.9294, 34.5824**.

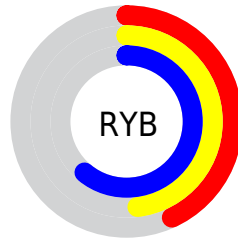
Distribution



Red (43%)

Green (51%)

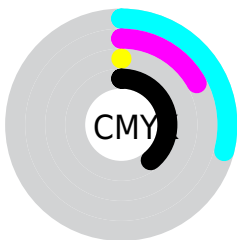
Blue (61%)



Red (43%)

Yellow (48%)

Blue (61%)

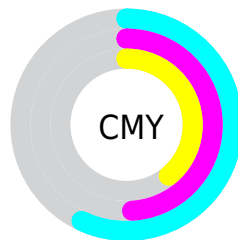


Cyan (29%)

Magenta (17%)

Yellow (0%)

Black (39%)



Cyan (57%)

Magenta (49%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1971, 21.3821, 34.0730 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 20.1971, 21.3821, 34.0730 by changing the saturation by 10% instead.

■ 20.1971, 21.3821,
34.0730

■ 20.1971, 21.3821,
34.0730

245.7934,
259.3022, 335.2365

■ 12.6475, 13.4036,
22.6719

■ 43.2488, 45.7226,
67.1824

■ 7.2616, 7.7070,
14.1484

■ 59.4816, 62.8534,
89.7277

■ 3.6740, 3.9081,
8.0840

■ 79.3396, 83.8037,
116.8248

■ 1.5194, 1.6223,
4.0602

■ 103.1880,
108.9579, 148.8923

■ 0.3390, 0.3725,
1.6584

131.3922,
138.7005, 186.3487

■ 0.0000, 0.0000,
0.3320

164.3176,

■ 0.0000, 0.0000,

173.4158, 229.6125

0.0000

202.3296,
213.4883, 279.1022

■ 20.1971, 21.3821,
34.0730

■ 20.1971, 21.3821,
34.0730

■ 17.3064, 18.2173,
33.6148

■ 23.5299, 24.9294,
34.5824

■ 14.8356, 15.4179,
33.2047

■ 27.3216, 28.8700,
35.1432

■ 12.7634, 12.9696,
32.8414

■ 31.5906, 33.2176,
35.7573

■ 11.0658, 10.8556,
32.5228

■ 36.3537, 37.9843,
36.4264

■ 9.7158, 9.0576,
32.2469

■ 41.6266, 43.1817,
37.1517

■ 8.6822, 7.5548,
32.0113

■ 47.4246, 48.8210,
37.9346

■ 7.9020, 6.3097,
31.8121

■ 53.7621, 54.9128,
38.7764

■ 7.8326, 6.1988,
31.7944

■ 60.6531, 61.4674,
39.6783

■ 68.1110, 68.4949,
40.6417

Harmonies

Analogous

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



18.6135, 21.3821, 32.2412



20.1971, 21.3821, 34.0730



21.9036, 21.3821, 32.6923

Triad

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



20.1971, 21.3821, 34.0730



23.3872, 21.3821, 19.1405



17.6536, 21.3821, 18.5964

Complementary

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



20.1971, 21.3821, 34.0730



25.1366, 25.7029, 18.3889

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.



18.8204, 21.3821, 15.8758



20.1971, 21.3821, 34.0730



22.1342, 21.3821, 16.1575

Square

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



20.1971, 21.3821, 34.0730



23.8061, 21.3821, 23.6448



20.4495, 21.3821, 15.0493



17.1975, 21.3821, 22.9219

Rectangle

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



20.1971, 21.3821, 34.0730



22.8703, 21.3821, 30.2309



20.4495, 21.3821, 15.0493



17.9723, 21.3821, 17.4881

Sweetspot

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



20.1978, 21.3830, 34.0735



48.8255, 51.5955, 62.9218



22.5608, 28.5215, 27.4234



10.8300, 11.4503, 14.2097



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.



20.1978, 21.3830, 34.0735



32.6417, 34.4488, 60.4652



18.3030, 17.0298, 33.3331



6.0881, 6.4336, 7.8499



6.3274, 5.0514, 25.5492



0.1295, 0.1453, 0.3936

Inverse Universe

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



23.0565, 19.7061, 23.3582



38.7249, 31.2602, 37.5789



27.4851, 31.2443, 19.3347



6.3116, 6.2638, 7.0210



11.6525, 5.9152, 4.6952



0.1918, 0.0955, 0.1629

Previews

White Background



This preview shows how the XYZ color 20.1971, 21.3821, 34.0730 looks on a white background.

Color Contrast Check

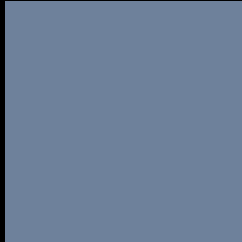
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.1971, 21.3821, 34.0730 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

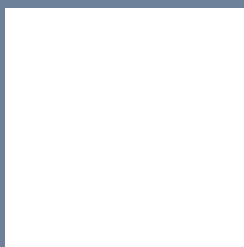
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.1971, 21.3821, 34.0730

Background



This preview shows how black text looks on a background with the XYZ color 20.1971, 21.3821, 34.0730.



This preview shows how white text looks on a background with the XYZ color 20.1971, 21.3821,

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

20.1971, 21.3821, 34.0730

Protanopia

21.0958, 21.2866, 33.1338

Deuteranopia

21.7918, 21.4275, 34.4399



Tritanopia

19.0622, 21.3114, 28.7000

Trichromacy



Original Color

20.1971, 21.3821, 34.0730

Protanomaly

20.7582, 21.2937, 33.5879

Deuteranomaly

21.2073, 21.3151, 34.4490

Tritanomaly

19.4334, 21.2600, 30.6831

Monochromacy



Original Color

20.1971, 21.3821, 34.0730

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.8505, 20.9780, 26.6698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1971, 21.3821, 34.0730 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(110, 129, 155)` looks like.

```
.text, #text, p{  
    color:rgb(110, 129, 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(110, 129, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 129, 155) }
```

Border

The CSS property to change the border of an element to XYZ 20.1971, 21.3821, 34.0730 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(110, 129, 155) }
```


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

```
.border{ border-color:rgb(110, 129, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 129, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 129, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 129, 155);  
box-shadow:4px 4px 4px 4px rgb(110, 129,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1971, 21.3821, 34.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 129, 155) }
```

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

```
.background{ background-color: rgb(110,  
129, 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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