

Converting Colors

XYZ(21.1715, 21.1469, 54.0072)

Have a look what the booklet for
XYZ(21.1715, 21.1469, 54.0072)
contains.

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Color

**XYZ(21.0733, 21.0051,
53.9826)**

Conversions

Conversions Part 1

Format	Color
Hex	557FC2
RGB	85, 127, 194
RGB Percent	33%, 50%, 76%
CMY	0.6666, 0.5020, 0.2392
CMYK	0.56, 0.35, 0.00, 0.24
HSL	217°, 47%, 55%
HSV	217°, 56%, 76%
XYZ	21.0733, 21.0051, 53.9826
YIQ	122.0800, -46.5390, 11.9330

Conversions

Conversions Part 2

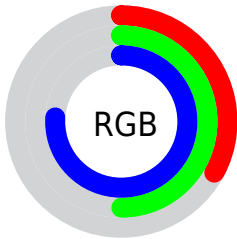
Format	Color
R_{YB}	85, 115, 194
Decimal	5603266
CIE _{Lab}	52.96, 5.40, -39.40
CIE _{LCh}	53, 39.773, 277.807
Yxy	21.0051, 0.2194, 0.2187
Android (android.graphics.Color)	4283793346 (0xFF557FC2)
YUV	122.0800, 35.4566, -32.5192
Hunter-Lab	45.8313, 1.8697, -37.7530

Details

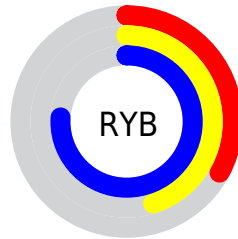
The XYZ color **21.0733, 21.0051, 53.9826** is a dark color, and the websafe version is hex **336699**. The color can be described as middle muted azure. A complement of this color would be **35.1171, 34.5833, 13.4198**, and the grayscale version is **18.4243, 19.3838, 21.1090**.

A 20% lighter version of the original color is **44.6880, 44.9560, 97.5889**, and **7.6892, 7.4614, 25.8459** is the 20% darker color. If you saturate the color by 10%, you get **18.0974, 17.3186, 53.4283**, and if you desaturate by 10%, it is **24.7158, 25.3065, 54.6213**.

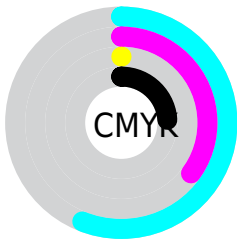
Distribution



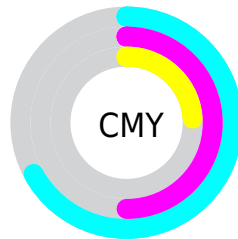
- Red (33%)
- Green (50%)
- Blue (76%)



- Red (33%)
- Yellow (45%)
- Blue (76%)



- Cyan (56%)
- Magenta (35%)
- Yellow (0%)
- Black (24%)



- Cyan (67%)
- Magenta (50%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0733, 21.0051, 53.9826 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 21.0733, 21.0051, 53.9826 by changing the saturation by 10% instead.

■ 21.0733, 21.0051,
53.9826

■ 21.0733, 21.0051,
53.9826

250.3921,
257.3056, 419.2164

■ 13.2904, 13.1277,
38.1947

■ 44.6999, 45.0960,
97.5048

■ 7.7072, 7.5166,
25.8308

■ 61.2742, 62.0784,
126.0762

■ 3.9584, 3.7872,
16.4725

■ 81.5097, 82.8645,
159.7459

■ 1.6786, 1.5552,
9.7011

■ 105.7717,
107.8388, 198.9323

■ 0.4428, 0.3271,
5.0983

134.4256,
137.3856, 244.0540

■ 0.0000, 0.0000,
2.2453

167.8367,

■ 0.0000, 0.0000,

171.8895, 295.5295

0.7003

206.3705,
211.7347, 353.7775

■ 0.0000, 0.0000,
0.0000

■ 21.0733, 21.0051,
53.9826

■ 21.0733, 21.0051,
53.9826

■ 18.0974, 17.3186,
53.4283

■ 24.7158, 25.3065,
54.6213

■ 15.7390, 14.2114,
52.9528

■ 29.0646, 30.2513,
55.3465

■ 13.9450, 11.6464,
52.5523

■ 34.1587, 35.8684,
56.1623

■ 12.6481, 9.5784,
52.2215

■ 40.0334, 42.1842,
57.0717

■ 12.2368, 8.8933,
52.1109

■ 46.7218, 49.2236,
58.0779

■ 54.2550, 57.0102,
59.1838

■ 62.6621, 65.5662,
60.3922

■ 71.9712, 74.9132,
61.7057

■ 80.4940, 84.1876,
63.0467

Harmonies

Analogous

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



17.0877, 21.0051, 51.3878



21.0733, 21.0051, 53.9826



25.2919, 21.0051, 46.2226

Triad

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



21.0733, 21.0051, 53.9826



26.9903, 21.0051, 11.4885



13.4251, 21.0051, 15.2500

Complementary

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



21.0733, 21.0051, 53.9826



35.1171, 34.5833, 13.4198

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.



15.4436, 21.0051, 9.1066



21.0733, 21.0051, 53.9826



23.1478, 21.0051, 7.5212

Square

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



21.0733, 21.0051, 53.9826



29.0046, 21.0051, 19.8926



18.8957, 21.0051, 6.8344



13.0303, 21.0051, 26.1327

Rectangle

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



21.0733, 21.0051, 53.9826



27.5445, 21.0051, 37.4097



18.8957, 21.0051, 6.8344



13.9212, 21.0051, 12.6918

Sweetspot

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



21.0741, 21.0058, 53.9831



71.3030, 75.1206, 103.2114



28.5762, 42.7304, 35.7661



15.1178, 15.9200, 22.5260



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



21.0741, 21.0058, 53.9831



31.9019, 30.2405, 96.6254



17.8005, 12.8746, 52.5862



9.8394, 10.3701, 12.7679



8.1193, 5.9952, 34.2859



0.4177, 0.3927, 1.5037

Inverse Universe

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



29.3281, 19.4996, 22.2973



48.8083, 29.1667, 31.2736



40.4843, 49.3195, 15.9813



10.2302, 10.1407, 11.3029



15.4942, 7.8874, 5.2487



0.7032, 0.3543, 0.4045

Previews

White Background



This preview shows how the XYZ color 21.0733, 21.0051, 53.9826 looks on a white background.

Color Contrast Check

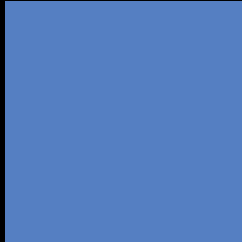
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0733, 21.0051, 53.9826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

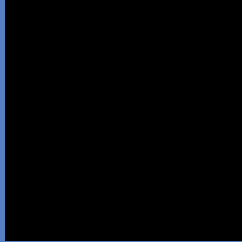
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

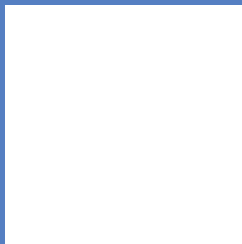
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.0733, 21.0051, 53.9826

Background



This preview shows how black text looks on a background with the XYZ color 21.0733, 21.0051, 53.9826.



This preview shows how white text looks on a background with the XYZ color 21.0733, 21.0051,

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

21.0733, 21.0051, 53.9826

Protanopia

22.0911, 21.0017, 52.1796

Deuteranopia

21.5128, 21.0409, 53.9664



Tritanopia

16.3854, 20.9082, 30.7758

Trichromacy



Original Color

21.0733, 21.0051, 53.9826

Protanomaly

21.6719, 20.9598, 52.7726

Deuteranomaly

21.3183, 20.9406, 53.9573

Tritanomaly

17.9124, 20.9112, 38.2141

Monochromacy



Original Color

21.0733, 21.0051, 53.9826

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.8596, 19.8046, 30.8456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0733, 21.0051, 53.9826 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(85, 127, 194)` looks like.

```
.text, #text, p{  
    color:rgb(85, 127, 194)  
}
```

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(85, 127, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 127, 194) }
```

Border

The CSS property to change the border of an element to XYZ 21.0733, 21.0051, 53.9826 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(85, 127, 194) }
```


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

```
.border{ border-color:rgb(85, 127, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 127, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 127, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 127, 194);  
box-shadow:4px 4px 4px 4px rgb(85, 127,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0733, 21.0051, 53.9826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 127, 194) }
```

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

```
.background{ background-color: rgb(85, 127,  
194) }
```

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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