

Converting Colors

XYZ(21.7234, 25.4062, 54.3769)

Have a look what the booklet for
XYZ(21.7234, 25.4062, 54.3769)
contains.

XYZ(21.6494, 25.3076, 54.1959)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.6494, 25.3076,
54.1959)**

Conversions

Conversions Part 1

Format	Color
Hex	3A92C1
RGB	58, 146, 193
RGB Percent	23%, 57%, 76%
CMY	0.7725, 0.4274, 0.2431
CMYK	0.70, 0.24, 0.00, 0.24
HSL	201°, 54%, 49%
HSV	201°, 70%, 76%
XYZ	21.6494, 25.3076, 54.1959
YIQ	125.0460, -67.5350, -4.0390

Conversions

Conversions Part 2

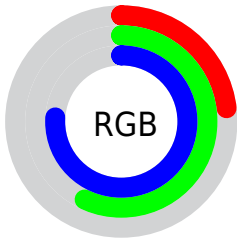
Format	Color
R_{YB}	58, 111, 193
Decimal	3838657
CIE _{Lab}	57.37, -10.91, -31.99
CIE _{LCh}	57, 33.804, 251.169
Yxy	25.3076, 0.2140, 0.2502
Android (android.graphics.Color)	4282028737 (0xFF3A92C1)
YUV	125.0460, 33.5013, -58.7993
Hunter-Lab	50.3067, -11.2194, -28.6591

Details

The XYZ color **21.6494, 25.3076, 54.1959** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **27.8086, 21.7474, 6.7359**, and the grayscale version is **19.4166, 20.4278, 22.2458**.

A 20% lighter version of the original color is **45.7948, 52.2756, 98.1190**, and **8.8431, 10.2298, 25.9346** is the 20% darker color. If you saturate the color by 10%, you get **19.7250, 22.8232, 53.8183**, and if you desaturate by 10%, it is **24.0569, 28.1323, 54.6147**.

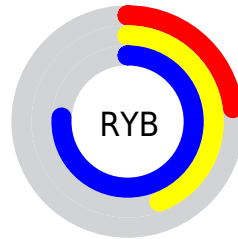
Distribution



Red (23%)

Green (57%)

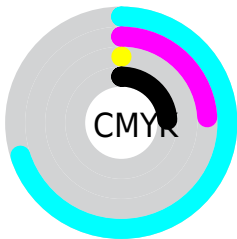
Blue (76%)



Red (23%)

Yellow (44%)

Blue (76%)

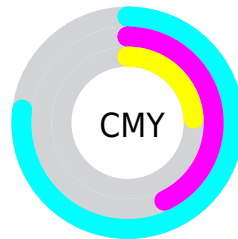


Cyan (70%)

Magenta (24%)

Yellow (0%)

Black (24%)



Cyan (77%)

Magenta (43%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6494, 25.3076, 54.1959 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 21.6494, 25.3076, 54.1959 by changing the saturation by 10% instead.

■ 21.6494, 25.3076,
54.1959

■ 21.6494, 25.3076,
54.1959

253.3768,
279.3664, 420.0523

■ 13.7147, 16.3064,
38.3641

■ 45.6490, 52.1558,
97.8211

■ 8.0029, 9.7412,
25.9613

■ 62.4446, 70.7716,
126.4516

■ 4.1486, 5.2277,
16.5692

■ 82.9246, 93.3610,
160.1853

■ 1.7865, 2.3815,
9.7691

■ 107.4542,
120.3084, 199.4409

■ 0.5095, 0.8163,
5.1426

■ 136.3989,
151.9983, 244.6369

■ 0.0000, 0.0000,
2.2709

170.1240,

■ 0.0000, 0.0000,

188.8150, 296.1917

0.7149

208.9948,
231.1429, 354.5240

■ 0.0000, 0.0000,
0.0000

■ 21.6494, 25.3076,
54.1959

■ 21.6494, 25.3076,
54.1959

■ 19.7250, 22.8232,
53.8183

■ 24.0569, 28.1323,
54.6147

■ 18.2302, 20.6486,
53.4773

■ 26.9879, 31.3184,
55.0752

■ 17.0680, 18.7328,
53.1688

■ 30.4813, 34.8877,
55.5801

■ 17.0619, 18.7226,
53.1672

■ 34.5713, 38.8595,
56.1311

■ 39.2894, 43.2511,
56.7301

■ 44.6646, 48.0791,
57.3787

■ 50.7239, 53.3587,
58.0784

■ 57.4929, 59.1043,
58.8307

■ 64.9960, 65.3298,
59.6369

Harmonies

Analogous

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



18.7026, 25.3076, 44.8043



21.6494, 25.3076, 54.1959



25.5792, 25.3076, 55.4041

Triad

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



21.6494, 25.3076, 54.1959



32.4422, 25.3076, 23.4947



19.3257, 25.3076, 14.0478

Complementary

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



21.6494, 25.3076, 54.1959



27.8086, 21.7474, 6.7359

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.



22.5908, 25.3076, 11.0693



21.6494, 25.3076, 54.1959



30.3399, 25.3076, 15.4225

Square

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



21.6494, 25.3076, 54.1959



32.1176, 25.3076, 35.3184



26.6306, 25.3076, 11.4904



17.4676, 25.3076, 21.0229

Rectangle

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



21.6494, 25.3076, 54.1959



28.2709, 25.3076, 51.1071



26.6306, 25.3076, 11.4904



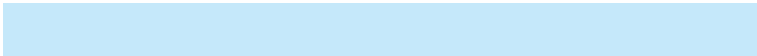
20.2790, 25.3076, 12.6470

Sweetspot

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



21.6503, 25.3085, 54.1965



69.1283, 76.3278, 101.4496



23.2639, 40.0194, 19.3317



14.3109, 15.8954, 21.6991



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



21.6503, 25.3085, 54.1965



33.8001, 38.7186, 96.0523



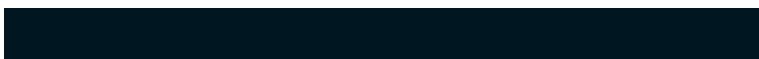
14.2769, 10.5617, 51.7387



10.0638, 10.8190, 12.8427



11.4252, 12.6069, 35.3878



0.5561, 0.6696, 1.5498

Inverse Universe

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



28.6944, 16.4398, 28.8558



48.0643, 24.9891, 43.7894



37.2254, 40.5811, 9.8749



10.3435, 10.1860, 11.8995



17.1629, 8.5549, 14.0357



0.7731, 0.3822, 0.7725

Previews

White Background



This preview shows how the XYZ color 21.6494, 25.3076, 54.1959 looks on a white background.

Color Contrast Check

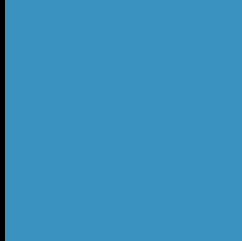
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6494, 25.3076, 54.1959 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 21.6494, 25.3076, 54.1959

Background



This preview shows how black text looks on a background with the XYZ color 21.6494, 25.3076, 54.1959.

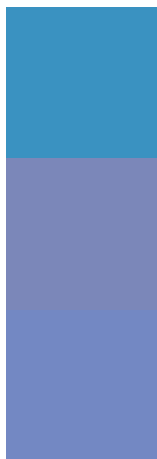


This preview shows how white text looks on a background with the XYZ color 21.6494, 25.3076,

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

21.6494, 25.3076, 54.1959

Protanopia

25.5893, 25.0417, 49.3838

Deuteranopia

25.7247, 25.1933, 55.1367



Tritanopia

18.5304, 25.2069, 39.0107

Trichromacy



Original Color

21.6494, 25.3076, 54.1959

Protanomaly

23.4553, 24.7487, 51.1177

Deuteranomaly

23.7318, 25.0309, 54.6196

Tritanomaly

19.5675, 25.1479, 44.3802

Monochromacy



Original Color

21.6494, 25.3076, 54.1959

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.2594, 21.7438, 32.0361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6494, 25.3076, 54.1959 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(58, 146, 193)` looks like.

```
.text, #text, p{  
    color:rgb(58, 146, 193)  
}
```

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(58, 146, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 146, 193) }
```

Border

The CSS property to change the border of an element to XYZ 21.6494, 25.3076, 54.1959 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(58, 146, 193) }
```


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

```
.border{ border-color:rgb(58, 146, 193) }
```

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

Here you see how a box with a 4 pixel rgb(58, 146, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 146, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 146, 193);  
box-shadow:4px 4px 4px 4px rgb(58, 146,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6494, 25.3076, 54.1959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 146, 193) }
```

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

```
.background{ background-color: rgb(58, 146,  
193) }
```

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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