

Converting Colors

XYZ(31.5963, 35.5540, 54.3750)

Have a look what the booklet for
XYZ(31.5963, 35.5540, 54.3750)
contains.

XYZ(31.4976, 35.3940, 54.4618)	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(31.4976, 35.3940,
54.4618)**

Conversions

Conversions Part 1

Format	Color
Hex	7DA6BF
RGB	125, 166, 191
RGB Percent	49%, 65%, 75%
CMY	0.5098, 0.3490, 0.2510
CMYK	0.35, 0.13, 0.00, 0.25
HSL	203°, 34%, 62%
HSV	203°, 35%, 75%
XYZ	31.4976, 35.3940, 54.4618
YIQ	156.5910, -32.4610, -0.9170

Conversions

Conversions Part 2

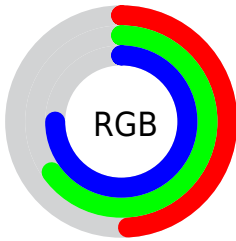
Format	Color
RYB	125, 150, 191
Decimal	8234687
CIELab	66.05, -7.68, -17.29
CIElCh	66, 18.915, 246.055
Yxy	35.3940, 0.2596, 0.2917
Android (android.graphics.Color)	4286424767 (0xFF7DA6BF)
YUV	156.5910, 16.9636, -27.7053
Hunter-Lab	59.4929, -9.6084, -12.6311

Details

The XYZ color **31.4976, 35.3940, 54.4618** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **36.0944, 34.3701, 24.1346**, and the grayscale version is **31.8018, 33.4580, 36.4358**.

A 20% lighter version of the original color is **61.2354, 68.0120, 97.8959**, and **13.3524, 15.2861, 26.2915** is the 20% darker color. If you saturate the color by 10%, you get **27.6948, 31.5366, 53.9183**, and if you desaturate by 10%, it is **35.9128, 39.6785, 55.0567**.

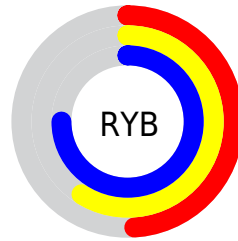
Distribution



Red (49%)

Green (65%)

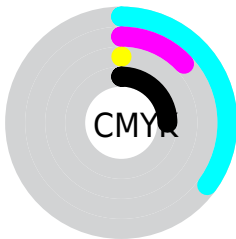
Blue (75%)



Red (49%)

Yellow (59%)

Blue (75%)

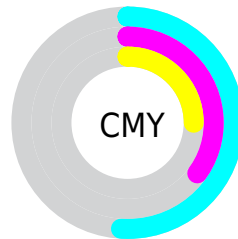


Cyan (35%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (51%)

Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4976, 35.3940, 54.4618 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 31.4976, 35.3940, 54.4618 by changing the saturation by 10% instead.

■ 31.4976, 35.3940,
54.4618

■ 31.4976, 35.3940,
54.4618

300.6104,
326.3040, 421.0929

■ 21.1317, 23.9665,
38.5753

■ 61.3932, 68.0957,
98.2152

■ 13.3333, 15.3088,
26.1242

■ 81.6536, 90.1387,
126.9192

■ 7.7371, 9.0364,
16.6900

■ 105.9429,
116.4890, 160.7327

■ 3.9775, 4.7649,
9.8541

134.6265,
147.5310, 200.0743

■ 1.6894, 2.1100,
5.1980

168.0697,
183.6492, 245.3626

■ 0.4496, 0.6702,
2.3031

206.6378,

■ 0.0000, 0.0000,

225.2278, 297.0161

0.7330

250.6962,
272.6513, 355.4534

■ 0.0000, 0.0000,
0.0000

■ 31.4976, 35.3940,
54.4618

■ 31.4976, 35.3940,
54.4618

■ 27.6948, 31.5366,
53.9183

■ 35.9128, 39.6785,
55.0567

■ 24.4689, 28.0840,
53.4219

■ 40.9666, 44.4030,
55.7023

■ 21.7860, 25.0174,
52.9714

■ 46.6877, 49.5848,
56.4009

■ 19.6066, 22.3147,
52.5646

■ 53.1018, 55.2388,
57.1542

■ 17.8852, 19.9505,
52.1990

■ 60.2335, 61.3793,
57.9635

■ 16.5673, 17.8948,
51.8716

■ 68.1058, 68.0198,
58.8304

■ 15.9601, 16.8737,
51.7065

■ 75.3653, 74.4641,
59.6916

■ 77.2671, 78.2678,
60.3256

■ 79.2517, 82.2368,
60.9871

Harmonies

Analogous

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



29.4634, 35.3940, 48.3705



31.4976, 35.3940, 54.4618



34.2135, 35.3940, 56.0436

Triad

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



31.4976, 35.3940, 54.4618



39.2986, 35.3940, 36.9304



30.5632, 35.3940, 27.3435

Complementary

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



31.4976, 35.3940, 54.4618



36.0944, 34.3701, 24.1346

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.



33.0748, 35.3940, 25.1199



31.4976, 35.3940, 54.4618



38.1958, 35.3940, 30.1374

Square

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



31.4976, 35.3940, 54.4618



38.8188, 35.3940, 45.1582



35.8794, 35.3940, 26.0668



28.9453, 35.3940, 32.5988

Rectangle

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



31.4976, 35.3940, 54.4618



36.0678, 35.3940, 54.1594



35.8794, 35.3940, 26.0668



31.3255, 35.3940, 26.2526

Sweetspot

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



31.4987, 35.3954, 54.4626



77.7246, 83.5021, 100.3001



32.5298, 43.7986, 35.2579



16.7525, 18.0498, 21.9863



92.9021, 97.7402, 106.4391



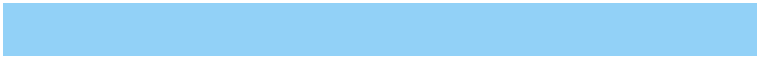
19.4759, 20.4902, 22.3138

Same Dimension

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



31.4987, 35.3954, 54.4626



51.4706, 58.4128, 96.8411



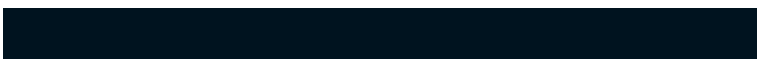
26.3597, 25.1174, 52.7496



9.4967, 10.1858, 12.1377



10.5682, 11.2482, 34.0070



0.4751, 0.5629, 1.3525

Inverse Universe

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



35.7033, 28.4977, 39.6967



60.2514, 44.9764, 65.7872



41.9571, 46.0956, 26.0889



9.7726, 9.6333, 11.1914



16.3351, 8.1652, 12.3242



0.6707, 0.3322, 0.6453

Previews

White Background



This preview shows how the XYZ color 31.4976, 35.3940, 54.4618 looks on a white background.

Color Contrast Check

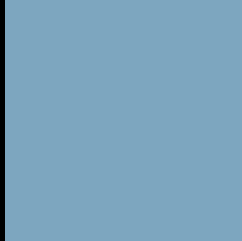
Large Text (above 18pt) WCAG AA × Fail

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 31.4976, 35.3940, 54.4618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

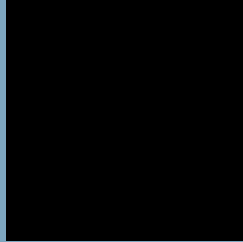
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.4976, 35.3940, 54.4618

Background



This preview shows how black text looks on a background with the XYZ color 31.4976, 35.3940, 54.4618.



This preview shows how white text looks on a background with the XYZ color 31.4976, 35.3940,

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

31.4976, 35.3940, 54.4618

Protanopia

34.7786, 35.3100, 51.4369

Deuteranopia

35.9807, 35.3351, 55.3761



Tritanopia

30.5115, 35.5524, 48.9702

Trichromacy



Original Color

31.4976, 35.3940, 54.4618

Protanomaly

33.4990, 35.4008, 52.6444

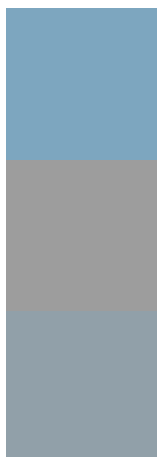
Deuteranomaly

34.1179, 35.1504, 54.8557

Tritanomaly

30.8879, 35.4253, 51.1087

Monochromacy



Original Color

31.4976, 35.3940, 54.4618

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.4093, 34.0259, 42.4483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4976, 35.3940, 54.4618 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(125, 166, 191)` looks like.

```
.text, #text, p{  
    color:rgb(125, 166, 191)  
}
```

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(125, 166, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 166, 191) }
```

Border

The CSS property to change the border of an element to XYZ 31.4976, 35.3940, 54.4618 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(125, 166, 191) }
```


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

```
.border{ border-color:rgb(125, 166, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 166, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 166, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 166, 191);  
box-shadow:4px 4px 4px 4px rgb(125, 166,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4976, 35.3940, 54.4618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 166, 191) }
```

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

```
.background{ background-color: rgb(125,  
166, 191) }
```

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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