

Converting Colors

XYZ(32.0412, 35.8955, 54.6556)

Have a look what the booklet for
XYZ(32.0412, 35.8955, 54.6556)
contains.

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Color

**XYZ(31.9751, 35.9110,
54.5365)**

Conversions

Conversions Part 1

Format	Color
Hex	7FA7BF
RGB	127, 167, 191
RGB Percent	50%, 65%, 75%
CMY	0.5019, 0.3451, 0.2510
CMYK	0.34, 0.13, 0.00, 0.25
HSL	202°, 33%, 62%
HSV	202°, 34%, 75%
XYZ	31.9751, 35.9110, 54.5365
YIQ	157.7760, -31.5440, -1.0160

Conversions

Conversions Part 2

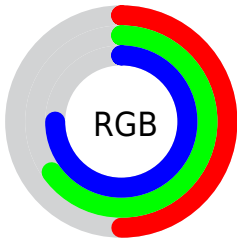
Format	Color
RYB	127, 152, 191
Decimal	8366015
CIELab	66.45, -7.65, -16.67
CIELCh	66, 18.345, 245.352
Yxy	35.9110, 0.2612, 0.2933
Android (android.graphics.Color)	4286556095 (0xFF7FA7BF)
YUV	157.7760, 16.3794, -26.9906
Hunter-Lab	59.9258, -9.6264, -12.0098

Details

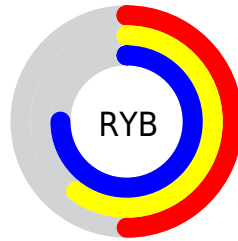
The XYZ color **31.9751, 35.9110, 54.5365** is a light color, and the websafe version is hex **669999**. A complement of this color would be **36.3839, 34.7426, 24.8681**, and the grayscale version is **32.3372, 34.0213, 37.0492**.

A 20% lighter version of the original color is **61.9658, 68.7817, 98.0059**, and **13.6198, 15.5923, 26.3365** is the 20% darker color. If you saturate the color by 10%, you get **28.1199, 32.0301, 53.9912**, and if you desaturate by 10%, it is **36.4445, 40.2181, 55.1329**.

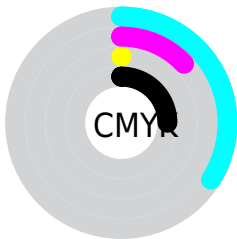
Distribution



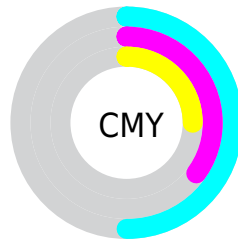
- Red (50%)
- Green (65%)
- Blue (75%)



- Red (50%)
- Yellow (60%)
- Blue (75%)



- Cyan (34%)
- Magenta (13%)
- Yellow (0%)
- Black (25%)



- Cyan (50%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.9751, 35.9110, 54.5365 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 31.9751, 35.9110, 54.5365 by changing the saturation by 10% instead.

■ 31.9751, 35.9110,
54.5365

■ 31.9751, 35.9110,
54.5365

302.7531,
328.5714, 421.3849

■ 21.4979, 24.3655,
38.6347

■ 62.1375, 68.8947,
98.3259

■ 13.6030, 15.6049,
26.1700

■ 82.5535, 91.1016,
127.0504

■ 7.9249, 9.2450,
16.7239

■ 107.0131,
117.6311, 160.8864

■ 4.0983, 4.9014,
9.8780

135.8817,
148.8676, 200.2522

■ 1.7579, 2.1895,
5.2136

169.5246,
185.1955, 245.5664

■ 0.4921, 0.7143,
2.3122

208.3073,

■ 0.0000, 0.0000,

226.9992, 297.2475

0.7380

252.5950,
274.6630, 355.7142

■ 0.0000, 0.0000,
0.0000

■ 31.9751, 35.9110,
54.5365

■ 31.9751, 35.9110,
54.5365

■ 28.1199, 32.0301,
53.9912

■ 36.4445, 40.2181,
55.1329

■ 24.8437, 28.5531,
53.4928

■ 41.5540, 44.9639,
55.7796

■ 22.1130, 25.4616,
53.0400

■ 47.3321, 50.1655,
56.4791

■ 19.8888, 22.7339,
52.6307

■ 53.8043, 55.8379,
57.2329

■ 18.1265, 20.3450,
52.2625

■ 60.9949, 61.9950,
58.0423

■ 16.7728, 18.2654,
51.9324

■ 68.9270, 68.6504,
58.9089

■ 16.0461, 17.0456,
51.7353

■ 75.4927, 74.7188,
59.7342

■ 77.3807, 78.4948,
60.3635

■ 79.3498, 82.4330,
61.0199

Harmonies

Analogous

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



30.0002, 35.9110, 48.5301



31.9751, 35.9110, 54.5365



34.6278, 35.9110, 56.1923

Triad

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



31.9751, 35.9110, 54.5365



39.6701, 35.9110, 37.7059



31.1644, 35.9110, 28.0083

Complementary

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



31.9751, 35.9110, 54.5365



36.3839, 34.7426, 24.8681

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.



33.6417, 35.9110, 25.8827



31.9751, 35.9110, 54.5365



38.6275, 35.9110, 30.9799

Square

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



31.9751, 35.9110, 54.5365



39.1654, 35.9110, 45.7599



36.3845, 35.9110, 26.8930



29.5501, 35.9110, 33.1216

Rectangle

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



31.9751, 35.9110, 54.5365



36.4460, 35.9110, 54.4384



36.3845, 35.9110, 26.8930



31.9187, 35.9110, 26.9543

Sweetspot

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



31.9762, 35.9124, 54.5373



77.7518, 83.5565, 100.3092



32.9268, 43.9915, 35.8084



16.7593, 18.0633, 21.9886



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.



31.9762, 35.9124, 54.5373



52.2378, 59.2875, 96.9695



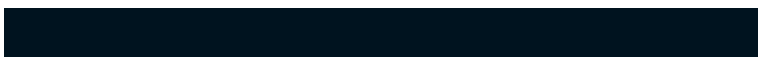
26.8959, 25.7519, 52.8439



9.4998, 10.1918, 12.1387



10.6245, 11.3607, 34.0258



0.4771, 0.5668, 1.3531

Inverse Universe

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



36.0512, 29.0462, 40.2670



60.7996, 45.8121, 66.7737



42.1411, 46.2568, 26.7871



9.7741, 9.6339, 11.1995



16.3635, 8.1766, 12.4739



0.6717, 0.3326, 0.6505

Previews

White Background



This preview shows how the XYZ color 31.9751, 35.9110, 54.5365 looks on a white background.

Color Contrast Check

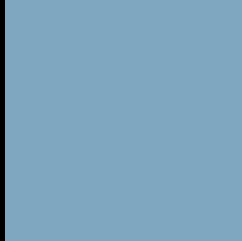
Large Text (above 18pt) WCAG AA × Fail

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 31.9751, 35.9110, 54.5365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

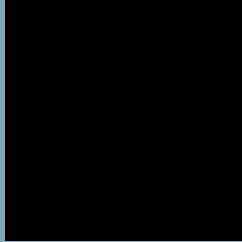
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.9751, 35.9110, 54.5365

Background



This preview shows how black text looks on a background with the XYZ color 31.9751, 35.9110, 54.5365.



This preview shows how white text looks on a background with the XYZ color 31.9751, 35.9110,

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

31.9751, 35.9110, 54.5365

Protanopia

35.1440, 35.7547, 51.5034

Deuteranopia

36.3806, 35.5413, 55.3948



Tritanopia

31.0889, 36.1133, 49.5880

Trichromacy



Original Color

31.9751, 35.9110, 54.5365

Protanomaly

33.8513, 35.8450, 52.7116

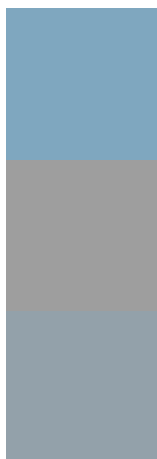
Deuteranomaly

34.6537, 35.6851, 54.9306

Tritanomaly

31.3638, 35.9437, 51.1837

Monochromacy



Original Color

31.9751, 35.9110, 54.5365

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.0332, 34.5951, 43.0194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9751, 35.9110, 54.5365 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(127, 167, 191)` looks like.

```
.text, #text, p{  
    color:rgb(127, 167, 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(127, 167, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 167, 191) }
```

Border

The CSS property to change the border of an element to XYZ 31.9751, 35.9110, 54.5365 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(127, 167, 191) }
```


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

```
.border{ border-color:rgb(127, 167, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 167, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 167, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 167, 191);  
box-shadow:4px 4px 4px 4px rgb(127, 167,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9751, 35.9110, 54.5365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 167, 191) }
```

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

```
.background{ background-color: rgb(127,  
167, 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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