

Converting Colors

XYZ(34.8257, 35.2194, 56.5930)

Have a look what the booklet for
XYZ(34.8257, 35.2194, 56.5930)
contains.

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Color

**XYZ(34.8261, 35.2204,
56.5924)**

Conversions

Conversions Part 1

Format	Color
Hex	969FC3
RGB	150, 159, 195
RGB Percent	59%, 62%, 76%
CMY	0.4118, 0.3765, 0.2353
CMYK	0.23, 0.18, 0.00, 0.24
HSL	228°, 27%, 68%
HSV	228°, 23%, 76%
XYZ	34.8261, 35.2204, 56.5924
YIQ	160.4130, -16.9200, 9.2880

Conversions

Conversions Part 2

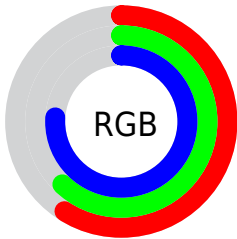
Format	Color
RYB	150, 158, 195
Decimal	9871299
CIELab	65.92, 4.68, -19.56
CIElCh	66, 20.116, 283.467
Yxy	35.2204, 0.2750, 0.2781
Android (android.graphics.Color)	4288061379 (0xFF969FC3)
YUV	160.4130, 17.0514, -9.1322
Hunter-Lab	59.3468, 0.8912, -14.9955

Details

The XYZ color **34.8261, 35.2204, 56.5924** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.5700, 48.9220, 35.8962**, and the grayscale version is **33.5344, 35.2808, 38.4207**.

A 20% lighter version of the original color is **66.7941, 68.1005, 101.7198**, and **15.2073, 15.2449, 27.3403** is the 20% darker color. If you saturate the color by 10%, you get **29.0168, 28.4922, 55.6005**, and if you desaturate by 10%, it is **41.5734, 42.9364, 57.7267**.

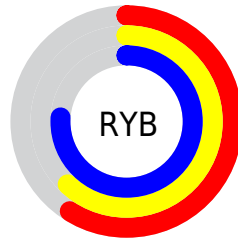
Distribution



Red (59%)

Green (62%)

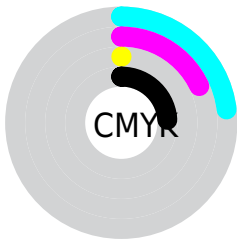
Blue (76%)



Red (59%)

Yellow (62%)

Blue (76%)

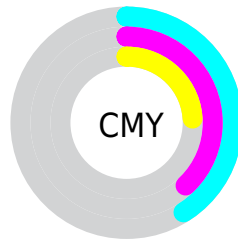


Cyan (23%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (41%)

Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8261, 35.2204, 56.5924 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 34.8261, 35.2204, 56.5924 by changing the saturation by 10% instead.

■ 34.8261, 35.2204,
56.5924

■ 34.8261, 35.2204,
56.5924

315.3216,
325.5401, 429.3711

■ 23.6948, 23.8327,
40.2709

■ 66.5521, 67.8271,
101.3646

■ 15.2309, 15.2096,
27.4344

■ 87.8775, 89.8148,
130.6524

■ 9.0690, 8.9666,
17.6644

113.3317,
116.1047, 165.0994

■ 4.8437, 4.7194,
10.5424

143.2800,
147.0811, 205.1241

■ 2.1896, 2.0836,
5.6498

178.0878,
183.1285, 251.1451

■ 0.7373, 0.6554,
2.5680

218.1204,

■ 0.0000, 0.0000,

224.6312, 303.5809

0.8759

263.7432,
271.9736, 362.8501

■ 0.0000, 0.0000,
0.0000

■ 34.8261, 35.2204,
56.5924

■ 34.8261, 35.2204,
56.5924

■ 29.0168, 28.4922,
55.6005

■ 41.5734, 42.9364,
57.7267

■ 24.0999, 22.7072,
54.7430

■ 49.2946, 51.6739,
59.0063

■ 20.0313, 17.8235,
54.0148

■ 58.0279, 61.4702,
60.4368

■ 16.7614, 13.7946,
53.4095

■ 67.8086, 72.3596,
62.0232

■ 14.2354, 10.5694,
52.9201

■ 78.6701, 84.3746,
63.7699

■ 12.3914, 8.0910,
52.5389

■ 86.0896, 95.1985,
65.4680

■ 11.1563, 6.2943,
52.2572

■ 86.8504, 96.7202,
65.7217

■ 10.5762, 5.3916,
52.1136

Harmonies

Analogous

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



31.8742, 35.2204, 56.2989



34.8261, 35.2204, 56.5924



37.5680, 35.2204, 51.5123

Triad

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



34.8261, 35.2204, 56.5924



37.8022, 35.2204, 28.1454



28.2854, 35.2204, 33.8729

Complementary

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



34.8261, 35.2204, 56.5924



45.5700, 48.9220, 35.8962

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.



29.6923, 35.2204, 27.6441



34.8261, 35.2204, 56.5924



35.1305, 35.2204, 24.6884

Square

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



34.8261, 35.2204, 56.5924



39.3537, 35.2204, 34.6583



32.1611, 35.2204, 24.5196



28.2146, 35.2204, 42.2929

Rectangle

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



34.8261, 35.2204, 56.5924



38.8599, 35.2204, 46.1439



32.1611, 35.2204, 24.5196



28.6138, 35.2204, 31.4855

Sweetspot

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



34.8272, 35.2218, 56.5932



82.4958, 86.0130, 104.7240



40.8769, 49.0283, 53.3470



17.8773, 18.6229, 22.9023



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.



34.8272, 35.2218, 56.5932



56.5960, 56.4095, 100.3750



35.8106, 33.5139, 56.2117



9.6879, 10.0670, 12.7174



6.9223, 3.6012, 33.8869



0.3486, 0.2546, 1.4807

Inverse Universe

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



39.6709, 35.9189, 37.6446



66.9405, 58.1200, 59.8571



44.3713, 51.2084, 36.4007



10.1537, 10.1101, 10.9002



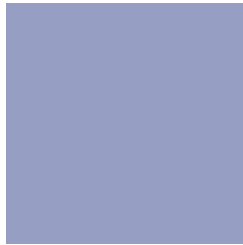
14.8901, 7.6458, 2.0671



0.6683, 0.3403, 0.2209

Previews

White Background



This preview shows how the XYZ color 34.8261, 35.2204, 56.5924 looks on a white background.

Color Contrast Check

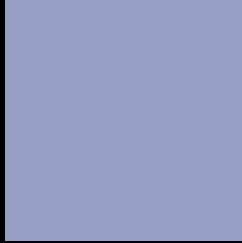
Large Text (above 18pt) WCAG AA × Fail

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 34.8261, 35.2204, 56.5924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

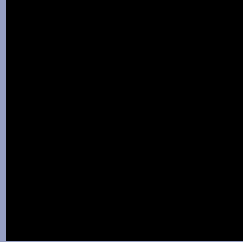
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.8261, 35.2204, 56.5924

Background



This preview shows how black text looks on a background with the XYZ color 34.8261, 35.2204, 56.5924.



This preview shows how white text looks on a background with the XYZ color 34.8261, 35.2204,

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

34.8261, 35.2204, 56.5924

Protanopia

35.0261, 35.0693, 56.5527

Deuteranopia

36.0078, 35.3232, 56.5500



Tritanopia

32.5123, 35.0468, 45.6086

Trichromacy



Original Color

34.8261, 35.2204, 56.5924

Protanomaly

34.8397, 34.9732, 56.5440

Deuteranomaly

35.5948, 35.3624, 56.5793

Tritanomaly

33.2210, 35.0702, 49.2743

Monochromacy



Original Color

34.8261, 35.2204, 56.5924

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.8239, 35.2267, 44.5519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8261, 35.2204, 56.5924 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(150, 159, 195)` looks like.

```
.text, #text, p{  
    color:rgb(150, 159, 195)  
}
```

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(150, 159, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 159, 195) }
```

Border

The CSS property to change the border of an element to XYZ 34.8261, 35.2204, 56.5924 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(150, 159, 195) }
```


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

```
.border{ border-color:rgb(150, 159, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 159, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 159, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 159, 195);  
box-shadow:4px 4px 4px 4px rgb(150, 159,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8261, 35.2204, 56.5924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 159, 195) }
```

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

```
.background{ background-color: rgb(150,  
159, 195) }
```

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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