

Converting Colors

XYZ(34.2469, 36.6093, 50.8070)

Have a look what the booklet for
XYZ(34.2469, 36.6093, 50.8070)
contains.

XYZ(34.1395, 36.5740, 50.6075)	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(34.1395, 36.5740,
50.6075)**

Conversions

Conversions Part 1

Format	Color
Hex	93A5B8
RGB	147, 165, 184
RGB Percent	58%, 65%, 72%
CMY	0.4235, 0.3529, 0.2784
CMYK	0.20, 0.10, 0.00, 0.28
HSL	211°, 21%, 65%
HSV	211°, 20%, 72%
XYZ	34.1395, 36.5740, 50.6075
YIQ	161.7840, -16.8270, 2.0930

Conversions

Conversions Part 2

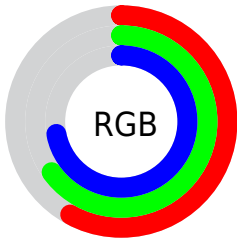
Format	Color
RYB	147, 159, 184
Decimal	9676216
CIELab	66.96, -2.15, -11.89
CIELCh	67, 12.087, 259.759
Yxy	36.5740, 0.2814, 0.3015
Android (android.graphics.Color)	4287866296 (0xFF93A5B8)
YUV	161.7840, 10.9525, -12.9656
Hunter-Lab	60.4764, -5.0689, -7.2812

Details

The XYZ color **34.1395, 36.5740, 50.6075** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6702, 39.5695, 33.2042**, and the grayscale version is **34.1985, 35.9795, 39.1817**.

A 20% lighter version of the original color is **65.4088, 69.8952, 92.4818**, and **14.8257, 15.9357, 23.7672** is the 20% darker color. If you saturate the color by 10%, you get **29.4588, 31.7248, 49.9188**, and if you desaturate by 10%, it is **39.4761, 41.9500, 51.3645**.

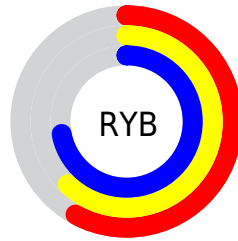
Distribution



Red (58%)

Green (65%)

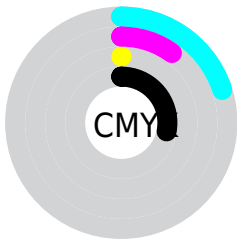
Blue (72%)



Red (58%)

Yellow (62%)

Blue (72%)

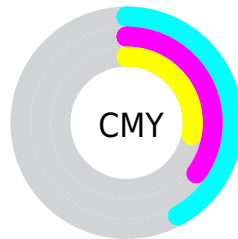


Cyan (20%)

Magenta (10%)

Yellow (0%)

Black (28%)



Cyan (42%)

Magenta (35%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1395, 36.5740, 50.6075 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 34.1395, 36.5740, 50.6075 by changing the saturation by 10% instead.

■ 34.1395, 36.5740,
50.6075

■ 34.1395, 36.5740,
50.6075

312.3286,
331.4625, 405.8398

■ 23.1642, 24.8778,
35.5218

■ 65.4934, 69.9171,
92.4799

■ 14.8361, 15.9861,
23.7783

■ 86.6027, 92.3328,
120.1036

■ 8.7900, 9.5143,
14.9586

111.8207,
119.0905, 152.7438

■ 4.6605, 5.0781,
8.6440

141.5127,
150.5746, 190.8189

■ 2.0822, 2.2932,
4.4161

176.0442,
187.1694, 234.7475

■ 0.6795, 0.7701,
1.8563

215.7804,

■ 0.0000, 0.0000,

229.2594, 284.9482

0.4647

261.0868,
277.2290, 341.8395

■ 0.0000, 0.0000,
0.0000

■ 34.1395, 36.5740,
50.6075

■ 34.1395, 36.5740,
50.6075

■ 29.4588, 31.7248,
49.9188

■ 39.4761, 41.9500,
51.3645

■ 25.4029, 27.3798,
49.2939

■ 45.4912, 47.8657,
52.1893

■ 21.9431, 23.5207,
48.7314

■ 52.2105, 54.3390,
53.0846

■ 19.0469, 20.1266,
48.2289

■ 59.6572, 61.3855,
54.0523

■ 16.6782, 17.1745,
47.7839

■ 67.8535, 69.0201,
55.0939

■ 14.7966, 14.6388,
47.3937

■ 75.9309, 76.7988,
56.1696

■ 13.3545, 12.4902,
47.0549

■ 78.5064, 81.9498,
57.0281

■ 12.2679, 10.6929,
46.7653

■ 81.2246, 87.3863,
57.9342

■ 84.0878, 93.1127,
58.8886

Harmonies

Analogous

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



32.5345, 36.5740, 48.0376



34.1395, 36.5740, 50.6075



35.9680, 36.5740, 50.1005

Triad

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



34.1395, 36.5740, 50.6075



38.1869, 36.5740, 36.5062



32.1403, 36.5740, 33.6502

Complementary

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



34.1395, 36.5740, 50.6075



38.6702, 39.5695, 33.2042

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.



33.5843, 36.5740, 31.0567



34.1395, 36.5740, 50.6075



37.0900, 36.5740, 32.6025

Square

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



34.1395, 36.5740, 50.6075



38.3483, 36.5740, 41.6449



35.3930, 36.5740, 30.6908



31.4074, 36.5740, 38.0547

Rectangle

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



34.1395, 36.5740, 50.6075



37.0663, 36.5740, 48.0994



35.3930, 36.5740, 30.6908



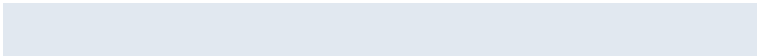
32.5562, 36.5740, 32.5548

Sweetspot

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



34.1406, 36.5755, 50.6083



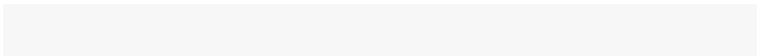
75.7797, 80.2231, 93.6952



36.0110, 43.2196, 42.2814



16.1875, 17.1474, 20.1782



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.1406, 36.5755, 50.6083



58.1022, 62.4125, 91.1891



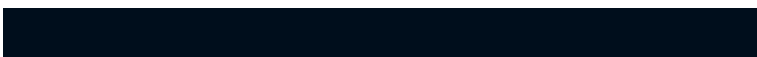
31.1189, 30.5321, 49.6011



8.8721, 9.4214, 11.4303



8.5252, 7.5101, 32.2533



0.3625, 0.3888, 1.1577

Inverse Universe

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



36.9933, 33.7753, 40.1685



64.2496, 56.6604, 68.6285



42.1747, 46.5785, 34.3724



9.1818, 9.0831, 10.3046



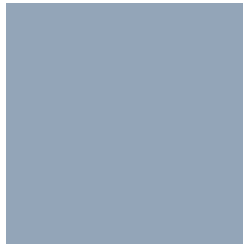
14.9168, 7.5405, 7.4487



0.5572, 0.2783, 0.4274

Previews

White Background



This preview shows how the XYZ color 34.1395, 36.5740, 50.6075 looks on a white background.

Color Contrast Check

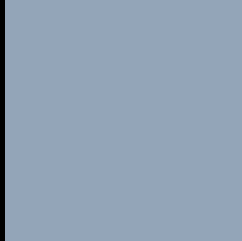
Large Text (above 18pt) WCAG AA × Fail

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 34.1395, 36.5740, 50.6075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

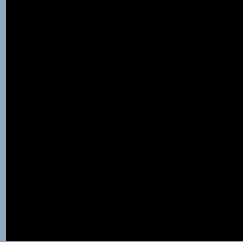
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.1395, 36.5740, 50.6075

Background



This preview shows how black text looks on a background with the XYZ color 34.1395, 36.5740, 50.6075.



This preview shows how white text looks on a background with the XYZ color 34.1395, 36.5740,

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

34.1395, 36.5740, 50.6075

Protanopia

35.6856, 36.3407, 49.3896

Deuteranopia

37.3035, 36.6239, 51.0019



Tritanopia

33.6270, 36.6381, 47.9474

Trichromacy



Original Color

34.1395, 36.5740, 50.6075

Protanomaly

34.9851, 36.2281, 49.9486

Deuteranomaly

35.9990, 36.4661, 51.0402

Tritanomaly

33.8308, 36.7196, 49.0206

Monochromacy



Original Color

34.1395, 36.5740, 50.6075

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.2575, 36.2648, 43.2244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1395, 36.5740, 50.6075 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(147, 165, 184)` looks like.

```
.text, #text, p{  
    color:rgb(147, 165, 184)  
}
```

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(147, 165, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 165, 184) }
```

Border

The CSS property to change the border of an element to XYZ 34.1395, 36.5740, 50.6075 is called "border". The border property can be set on classes, ids or directly on the HTML element.

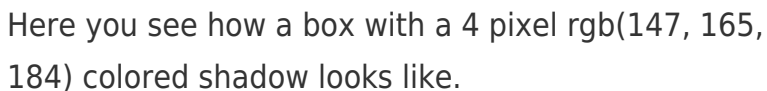
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 165, 184) }
```


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

```
.border{ border-color:rgb(147, 165, 184) }
```

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



Here you see how a box with a 4 pixel rgb(147, 165, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 165, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 165, 184);  
box-shadow:4px 4px 4px 4px rgb(147, 165,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1395, 36.5740, 50.6075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 165, 184) }
```

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

```
.background{ background-color: rgb(147,  
165, 184) }
```

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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