

Converting Colors

XYZ(34.8589, 34.7957, 58.8509)

Have a look what the booklet for
XYZ(34.8589, 34.7957, 58.8509)
contains.

XYZ(34.7602, 34.6270, 58.8845)	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(34.7602, 34.6270,
58.8845)**

Conversions

Conversions Part 1

Format	Color
Hex	959DC7
RGB	149, 157, 199
RGB Percent	58%, 62%, 78%
CMY	0.4157, 0.3843, 0.2196
CMYK	0.25, 0.21, 0.00, 0.22
HSL	230°, 31%, 68%
HSV	230°, 25%, 78%
XYZ	34.7602, 34.6270, 58.8845
YIQ	159.3960, -18.2500, 11.3660

Conversions

Conversions Part 2

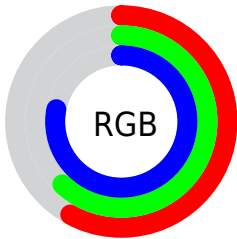
Format	Color
R_{YB}	149, 156, 199
Decimal	9805255
CIE _{Lab}	65.46, 6.45, -22.50
CIE _{LCh}	65, 23.410, 286.002
Yxy	34.6270, 0.2710, 0.2700
Android (android.graphics.Color)	4287995335 (0xFF959DC7)
YUV	159.3960, 19.5248, -9.1173
Hunter-Lab	58.8447, 2.4636, -18.1388

Details

The XYZ color **34.7602, 34.6270, 58.8845** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.6093, 51.5740, 35.8803**, and the grayscale version is **33.0561, 34.7776, 37.8728**.

A 20% lighter version of the original color is **66.2461, 66.6459, 103.9801**, and **15.1946, 14.8938, 28.8620** is the 20% darker color. If you saturate the color by 10%, you get **28.7979, 27.6390, 57.8505**, and if you desaturate by 10%, it is **41.7320, 42.7114, 60.0781**.

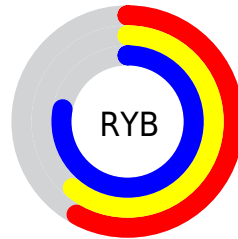
Distribution



Red (58%)

Green (62%)

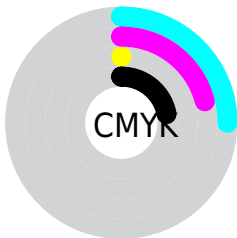
Blue (78%)



Red (58%)

Yellow (61%)

Blue (78%)

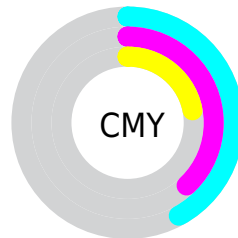


Cyan (25%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (42%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7602, 34.6270, 58.8845 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 34.7602, 34.6270, 58.8845 by changing the saturation by 10% instead.

■ 34.7602, 34.6270,
58.8845

■ 34.7602, 34.6270,
58.8845

315.0352,
322.9189, 438.1637

■ 23.6439, 23.3757,
42.1007

■ 66.4506, 66.9075,
104.7372

■ 15.1930, 14.8712,
28.8540

■ 87.7553, 88.7055,
134.6433

■ 9.0421, 8.7290,
18.7258

113.1870,
114.7879, 169.7606

■ 4.8260, 4.5649,
11.2975

143.1108,
145.5390, 210.5076

■ 2.1792, 1.9943,
6.1506

177.8921,
181.3433, 257.3029

■ 0.7318, 0.6041,
2.8666

217.8964,

■ 0.0000, 0.0000,

222.5851, 310.5650

1.0269

263.4890,
269.6488, 370.7124

■ 0.0000, 0.0000,
0.0000

■ 34.7602, 34.6270,
58.8845

■ 34.7602, 34.6270,
58.8845

■ 28.7979, 27.6390,
57.8505

■ 41.7320, 42.7114,
60.0781

■ 23.7946, 21.6958,
56.9671

■ 49.7540, 51.9326,
61.4351

■ 19.7005, 16.7478,
56.2278

■ 58.8687, 62.3341,
62.9624

■ 16.4598, 12.7396,
55.6249

■ 69.1151, 73.9556,
64.6656

■ 14.0104, 9.6102,
55.1500

■ 80.5305, 86.8353,
66.5499

■ 12.2816, 7.2912,
54.7935

■ 87.3089, 96.9036,
68.1361

■ 11.1889, 5.7033,
54.5446

■ 10.8212, 5.1482,
54.4568

Harmonies

Analogous

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



31.3451, 34.6270, 59.1145



34.7602, 34.6270, 58.8845



37.8783, 34.6270, 52.3740

Triad

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



34.7602, 34.6270, 58.8845



37.6998, 34.6270, 25.7018



26.9287, 34.6270, 33.3238

Complementary

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



34.7602, 34.6270, 58.8845



47.6093, 51.5740, 35.8803

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.



28.3999, 34.6270, 26.0645



34.7602, 34.6270, 58.8845



34.5301, 34.6270, 22.2087

Square

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



34.7602, 34.6270, 58.8845



39.6541, 34.6270, 32.7409



31.1304, 34.6270, 22.3288



26.9809, 34.6270, 43.1426

Rectangle

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



34.7602, 34.6270, 58.8845



39.2996, 34.6270, 45.9023



31.1304, 34.6270, 22.3288



27.2568, 34.6270, 30.5432

Sweetspot

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



34.7613, 34.6284, 58.8853



82.7141, 85.8843, 106.8256



42.1860, 50.9841, 56.7163



17.2377, 17.8470, 22.7862



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.



34.7613, 34.6284, 58.8853



55.0995, 53.8932, 102.1061



36.7133, 33.6905, 58.6014



10.1915, 10.5571, 13.4181



7.0007, 3.3954, 35.0308



0.3759, 0.2496, 1.6735

Inverse Universe

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



40.3874, 36.0724, 36.7337



66.6356, 57.0503, 56.6409



45.2193, 53.0032, 36.2821



10.7019, 10.6642, 11.4137



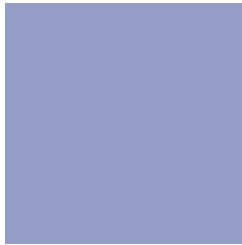
15.3330, 7.8828, 1.6974



0.7484, 0.3822, 0.1984

Previews

White Background



This preview shows how the XYZ color 34.7602, 34.6270, 58.8845 looks on a white background.

Color Contrast Check

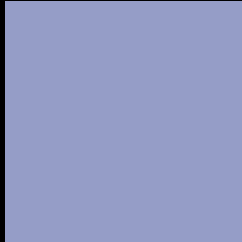
Large Text (above 18pt) WCAG AA × Fail

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 34.7602, 34.6270, 58.8845 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 34.7602, 34.6270, 58.8845

Background



This preview shows how black text looks on a background with the XYZ color 34.7602, 34.6270, 58.8845.



This preview shows how white text looks on a background with the XYZ color 34.7602, 34.6270,

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

34.7602, 34.6270, 58.8845

Protanopia

34.7602, 34.6270, 58.8845

Deuteranopia

35.3341, 34.6728, 58.8630



Tritanopia

31.8865, 34.4750, 45.0181

Trichromacy



Original Color

34.7602, 34.6270, 58.8845

Protanomaly

34.7602, 34.6270, 58.8845

Deuteranomaly

35.1462, 34.5759, 58.8542

Tritanomaly

32.9721, 34.6715, 49.7542

Monochromacy



Original Color

34.7602, 34.6270, 58.8845

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.3844, 34.4783, 44.9398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7602, 34.6270, 58.8845 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(149, 157, 199)` looks like.

```
.text, #text, p{  
    color:rgb(149, 157, 199)  
}
```

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(149, 157, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 157, 199) }
```

Border

The CSS property to change the border of an element to XYZ 34.7602, 34.6270, 58.8845 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(149, 157, 199) }
```


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

```
.border{ border-color:rgb(149, 157, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 157, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 157, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 157, 199);  
box-shadow:4px 4px 4px 4px rgb(149, 157,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7602, 34.6270, 58.8845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 157, 199) }
```

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

```
.background{ background-color: rgb(149,  
157, 199) }
```

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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