

Converting Colors

XYZ(35.8063, 35.6729, 62.3313)

Have a look what the booklet for
XYZ(35.8063, 35.6729, 62.3313)
contains.

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Color

**XYZ(35.6916, 35.5455,
62.1066)**

Conversions

Conversions Part 1

Format	Color
Hex	959FCC
RGB	149, 159, 204
RGB Percent	58%, 62%, 80%
CMY	0.4157, 0.3765, 0.2000
CMYK	0.27, 0.22, 0.00, 0.20
HSL	229°, 35%, 69%
HSV	229°, 27%, 80%
XYZ	35.6916, 35.5455, 62.1066
YIQ	161.1400, -20.4050, 11.8750

Conversions

Conversions Part 2

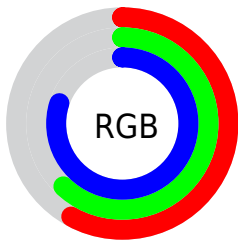
Format	Color
R_{YB}	149, 157, 204
Decimal	9805772
CIE _{Lab}	66.17, 6.54, -24.19
CIE _{LCh}	66, 25.060, 285.131
Yxy	35.5455, 0.2677, 0.2666
Android (android.graphics.Color)	4287995852 (0xFF959FCC)
YUV	161.1400, 21.1300, -10.6468
Hunter-Lab	59.6200, 2.5241, -20.0288

Details

The XYZ color **35.6916, 35.5455, 62.1066** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.6188, 53.5909, 36.1635**, and the grayscale version is **33.8539, 35.6170, 38.7869**.

A 20% lighter version of the original color is **66.9984, 68.1505, 104.2309**, and **15.7973, 15.4685, 31.0073** is the 20% darker color. If you saturate the color by 10%, you get **29.6118, 28.4350, 61.0552**, and if you desaturate by 10%, it is **42.8132, 43.7700, 63.3193**.

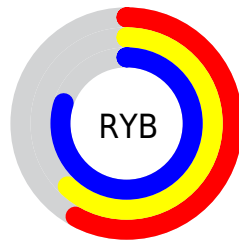
Distribution



Red (58%)

Green (62%)

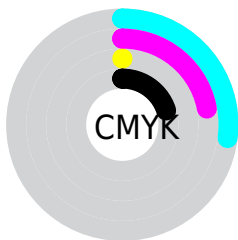
Blue (80%)



Red (58%)

Yellow (62%)

Blue (80%)

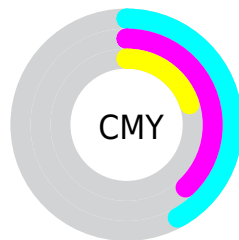


Cyan (27%)

Magenta (22%)

Yellow (0%)

Black (20%)



Cyan (42%)

Magenta (38%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6916, 35.5455, 62.1066 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 35.6916, 35.5455, 62.1066 by changing the saturation by 10% instead.

■ 35.6916, 35.5455,
62.1066

■ 35.6916, 35.5455,
62.1066

319.0654,
326.9696, 450.3382

■ 24.3651, 24.0834,
44.6825

■ 67.8828, 68.3300,
109.4527

■ 15.7309, 15.3955,
30.8663

■ 89.4782, 90.4211,
140.2117

■ 9.4236, 9.0974,
20.2394

115.2273,
116.8241, 176.2528

■ 5.0778, 4.8048,
12.3834

145.4954,
147.9232, 217.9945

■ 2.3282, 2.1332,
6.8797

180.6479,
184.1030, 265.8554

■ 0.8090, 0.6832,
3.3096

221.0502,

■ 0.0000, 0.0000,

225.7477, 320.2539

1.2548

267.0675,
273.2418, 381.6087

■ 0.0000, 0.0000,
0.0243

■ 0.0000, 0.0000,
0.0000

■ 35.6916, 35.5455,
62.1066

■ 35.6916, 35.5455,
62.1066

■ 29.6118, 28.4350,
61.0552

■ 42.8132, 43.7700,
63.3193

■ 24.5208, 22.3859,
60.1559

■ 51.0192, 53.1497,
64.6973

■ 20.3664, 17.3476,
59.4024

■ 60.3540, 63.7286,
66.2472

■ 17.0897, 13.2635,
58.7868

■ 70.8586, 75.5476,
67.9749

■ 14.6252, 10.0713,
58.3005

■ 82.5717, 88.6452,
69.8856

■ 12.8976, 7.7010,
57.9340

■ 87.8992, 97.1397,
71.2444

■ 11.8109, 6.0678,
57.6761

■ 11.5638, 5.6889,
57.6160

Harmonies

Analogous

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



31.9780, 35.5455, 62.1400



35.6916, 35.5455, 62.1066



39.1264, 35.5455, 55.0754

Triad

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



35.6916, 35.5455, 62.1066



39.1008, 35.5455, 25.8959



27.3171, 35.5455, 33.6685

Complementary

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



35.6916, 35.5455, 62.1066



49.6188, 53.5909, 36.1635

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.



28.9531, 35.5455, 25.9468



35.6916, 35.5455, 62.1066



35.6587, 35.5455, 22.0532

Square

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



35.6916, 35.5455, 62.1066



41.1911, 35.5455, 33.5858



31.9474, 35.5455, 22.0699



27.3244, 35.5455, 44.3153

Rectangle

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



35.6916, 35.5455, 62.1066



40.7177, 35.5455, 47.9984



31.9474, 35.5455, 22.0699



27.6874, 35.5455, 30.6926

Sweetspot

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



35.6928, 35.5469, 62.1074



82.8438, 86.1437, 106.8688



43.7163, 53.4673, 59.0067



17.2701, 17.9118, 22.7970



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.



35.6928, 35.5469, 62.1074



53.4064, 52.2184, 101.8721



37.4607, 34.0075, 61.7171



10.7640, 11.1685, 14.1588



7.3279, 3.6797, 36.2803



0.4294, 0.2926, 1.8888

Inverse Universe

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



41.9082, 36.8364, 37.7038



65.3633, 54.9419, 54.8718



47.4101, 55.8687, 36.7196



11.2943, 11.2464, 12.0842



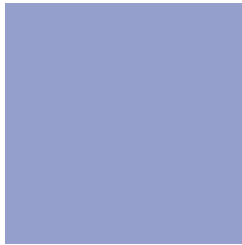
15.9097, 8.1745, 1.9771



0.8467, 0.4321, 0.2385

Previews

White Background



This preview shows how the XYZ color 35.6916, 35.5455, 62.1066 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 35.6916, 35.5455, 62.1066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

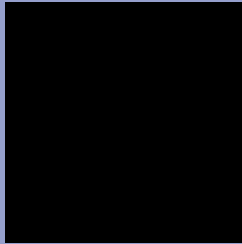
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6916, 35.5455, 62.1066

Background



This preview shows how black text looks on a background with the XYZ color 35.6916, 35.5455, 62.1066.



This preview shows how white text looks on a background with the XYZ color 35.6916, 35.5455,

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

35.6916, 35.5455, 62.1066

Protanopia

35.6916, 35.5455, 62.1066

Deuteranopia

36.2628, 35.5857, 62.0842



Tritanopia

32.5390, 35.5649, 46.7447

Trichromacy



Original Color

35.6916, 35.5455, 62.1066

Protanomaly

35.6916, 35.5455, 62.1066

Deuteranomaly

36.0748, 35.4888, 62.0754

Tritanomaly

33.5670, 35.4483, 52.0867

Monochromacy



Original Color

35.6916, 35.5455, 62.1066

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.4112, 35.4840, 46.6304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6916, 35.5455, 62.1066 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, 159, 204)` looks like.

```
.text, #text, p{  
    color:rgb(149, 159, 204)  
}
```

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, 159, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 159, 204) }
```

Border

The CSS property to change the border of an element to XYZ 35.6916, 35.5455, 62.1066 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, 159, 204) }
```


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

```
.border{ border-color:rgb(149, 159, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 159, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 159, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 159, 204);  
box-shadow:4px 4px 4px 4px rgb(149, 159,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6916, 35.5455, 62.1066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 159, 204) }
```

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

```
.background{ background-color: rgb(149,  
159, 204) }
```

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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