

Converting Colors

XYZ(35.2109, 33.6558, 57.4637)

Have a look what the booklet for
XYZ(35.2109, 33.6558, 57.4637)
contains.

XYZ(35.2109, 33.6558, 57.4637)	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(35.2109, 33.6558,
57.4637)**

Conversions

Conversions Part 1

Format	Color
Hex	9D98C5
RGB	157, 152, 197
RGB Percent	62%, 60%, 77%
CMY	0.3843, 0.4039, 0.2274
CMYK	0.20, 0.23, 0.00, 0.23
HSL	247°, 28%, 68%
HSV	247°, 23%, 77%
XYZ	35.2109, 33.6558, 57.4637
YIQ	158.6250, -11.4650, 15.0550

Conversions

Conversions Part 2

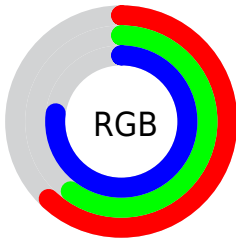
Format	Color
RYB	157, 152, 197
Decimal	10328261
CIELab	64.69, 11.31, -22.51
CIElCh	65, 25.187, 296.672
Yxy	33.6558, 0.2787, 0.2664
Android (android.graphics.Color)	4288518341 (0xFF9D98C5)
YUV	158.6250, 18.9189, -1.4251
Hunter-Lab	58.0136, 6.8153, -18.1184

Details

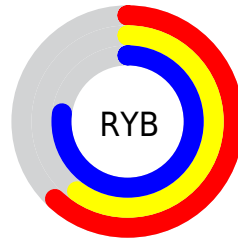
The XYZ color **35.2109, 33.6558, 57.4637** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.3730, 53.4068, 37.5190**, and the grayscale version is **32.7046, 34.4078, 37.4701**.

A 20% lighter version of the original color is **67.1121, 65.2954, 102.8320**, and **15.4373, 14.2938, 27.9319** is the 20% darker color. If you saturate the color by 10%, you get **29.1002, 26.1475, 56.3371**, and if you desaturate by 10%, it is **42.3446, 42.4814, 58.7918**.

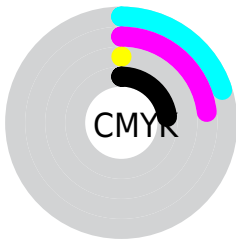
Distribution



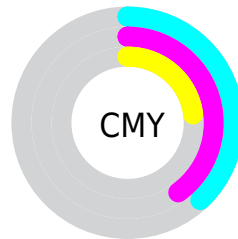
- Red (62%)
- Green (60%)
- Blue (77%)



- Red (62%)
- Yellow (60%)
- Blue (77%)



- Cyan (20%)
- Magenta (23%)
- Yellow (0%)
- Black (23%)



- Cyan (38%)
- Magenta (40%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2109, 33.6558, 57.4637 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 35.2109, 33.6558, 57.4637 by changing the saturation by 10% instead.

■ 35.2109, 33.6558,
57.4637

■ 35.2109, 33.6558,
57.4637

316.9900,
318.5945, 432.7269

■ 23.9927, 22.6293,
40.9658

■ 67.1442, 65.3981,
102.6485

■ 15.4529, 14.3200,
27.9729

■ 88.5900, 86.8826,
132.1725

■ 9.2262, 8.3436,
18.0663

114.1757,
112.6219, 166.8756

■ 4.9473, 4.3156,
10.8277

144.2666,
143.0005, 207.1764

■ 2.2508, 1.8516,
5.8384

179.2282,
178.4026, 253.4934

■ 0.7693, 0.5190,
2.6799

219.4257,

■ 0.0000, 0.0000,

219.2127, 306.2451

0.9333

265.2245,
265.8153, 365.8501

■ 0.0000, 0.0000,
0.0000

■ 35.2109, 33.6558,
57.4637

■ 35.2109, 33.6558,
57.4637

■ 29.1002, 26.1475,
56.3371

■ 42.3446, 42.4814,
58.7918

■ 23.9621, 19.8892,
55.3999

■ 50.5418, 52.6790,
60.3281

■ 19.7473, 14.8141,
54.6425

■ 59.8449, 64.3051,
62.0818

■ 16.4004, 10.8472,
54.0532

■ 70.2931, 77.4122,
64.0610

■ 13.8601, 7.9051,
53.6192

■ 81.9236, 92.0496,
66.2734

■ 12.0572, 5.8923,
53.3257

■ 87.0781, 96.8113,
66.9208

■ 10.9102, 4.6954,
53.1551

■ 10.4065, 4.2005,
53.0861

Harmonies

Analogous

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



31.5870, 33.6558, 60.3231



35.2109, 33.6558, 57.4637



38.1540, 33.6558, 48.7051

Triad

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



35.2109, 33.6558, 57.4637



35.9612, 33.6558, 22.4041



25.5403, 33.6558, 35.5020

Complementary

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



35.2109, 33.6558, 57.4637



47.3730, 53.4068, 37.5190

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.



26.5263, 33.6558, 26.7614



35.2109, 33.6558, 57.4637



32.3940, 33.6558, 20.1504

Square

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



35.2109, 33.6558, 57.4637



38.6096, 33.6558, 28.4176



28.9696, 33.6558, 21.5820



26.1718, 33.6558, 46.3254

Rectangle

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



35.2109, 33.6558, 57.4637



39.2391, 33.6558, 41.4280



28.9696, 33.6558, 21.5820



25.6916, 33.6558, 32.2459

Sweetspot

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



35.2120, 33.6572, 57.4645



84.0191, 86.2491, 106.8272



41.9876, 48.6267, 59.9968



17.7899, 18.2199, 22.8291



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.



35.2120, 33.6572, 57.4645



57.8369, 53.8437, 101.9523



39.8978, 36.0728, 57.6838



10.1643, 10.3429, 13.3782



6.8807, 2.7814, 34.9186



0.3635, 0.1511, 1.6552

Inverse Universe

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



43.7697, 38.1339, 54.9242



75.6734, 63.1782, 96.4867



42.2123, 50.7463, 37.2775



11.0304, 10.7955, 13.1433



20.2615, 9.8542, 27.6508



0.9742, 0.4725, 1.3875

Previews

White Background



This preview shows how the XYZ color 35.2109, 33.6558, 57.4637 looks on a white background.

Color Contrast Check

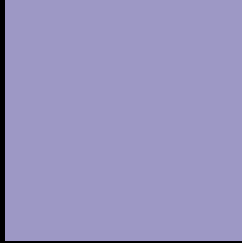
Large Text (above 18pt) WCAG AA × Fail

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 35.2109, 33.6558, 57.4637 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 35.2109, 33.6558, 57.4637

Background



This preview shows how black text looks on a background with the XYZ color 35.2109, 33.6558, 57.4637.



This preview shows how white text looks on a background with the XYZ color 35.2109, 33.6558,

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

35.2109, 33.6558, 57.4637

Protanopia

33.8842, 33.6772, 58.7473

Deuteranopia

34.5825, 33.8178, 57.5281



Tritanopia

32.1673, 33.6539, 42.3366

Trichromacy



Original Color

35.2109, 33.6558, 57.4637

Protanomaly

34.3263, 33.6724, 58.1163

Deuteranomaly

34.7957, 33.6837, 57.4910

Tritanomaly

33.1845, 33.5674, 47.3780

Monochromacy



Original Color

35.2109, 33.6558, 57.4637

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.5318, 34.0632, 44.3427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2109, 33.6558, 57.4637 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(157, 152, 197)` looks like.

```
.text, #text, p{  
    color:rgb(157, 152, 197)  
}
```

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(157, 152, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 152, 197) }
```

Border

The CSS property to change the border of an element to XYZ 35.2109, 33.6558, 57.4637 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(157, 152, 197) }
```


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

```
.border{ border-color:rgb(157, 152, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 152, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 152, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 152, 197);  
box-shadow:4px 4px 4px 4px rgb(157, 152,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2109, 33.6558, 57.4637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 152, 197) }
```

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

```
.background{ background-color: rgb(157,  
152, 197) }
```

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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