

Converting Colors

XYZ(35.7217, 37.0505, 45.7173)

Have a look what the booklet for
XYZ(35.7217, 37.0505, 45.7173)
contains.

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Color

**XYZ(35.7353, 36.9709,
45.8101)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A3AF
RGB	162, 163, 175
RGB Percent	64%, 64%, 69%
CMY	0.3647, 0.3608, 0.3137
CMYK	0.07, 0.07, 0.00, 0.31
HSL	235°, 8%, 66%
HSV	235°, 7%, 69%
XYZ	35.7353, 36.9709, 45.8101
YIQ	164.0690, -4.4480, 3.5200

Conversions

Conversions Part 2

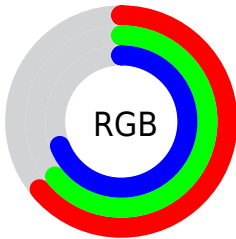
Format	Color
RYB	162, 163, 175
Decimal	10658735
CIELab	67.26, 2.02, -6.32
CIElCh	67, 6.634, 287.691
Yxy	36.9709, 0.3015, 0.3119
Android (android.graphics.Color)	4288848815 (0xFFA2A3AF)
YUV	164.0690, 5.3890, -1.8145
Hunter-Lab	60.8037, -1.4992, -2.1071

Details

The XYZ color **35.7353, 36.9709, 45.8101** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.3369, 41.9942, 40.2154**, and the grayscale version is **35.2970, 37.1352, 40.4402**.

A 20% lighter version of the original color is **68.1105, 70.6640, 85.6510**, and **15.6900, 16.1139, 21.0222** is the 20% darker color. If you saturate the color by 10%, you get **29.7383, 29.8917, 44.7603**, and if you desaturate by 10%, it is **42.5955, 45.0407, 47.0067**.

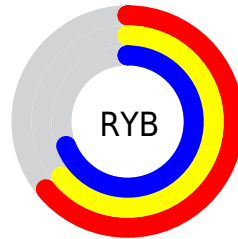
Distribution



Red (64%)

Green (64%)

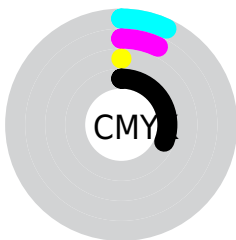
Blue (69%)



Red (64%)

Yellow (64%)

Blue (69%)

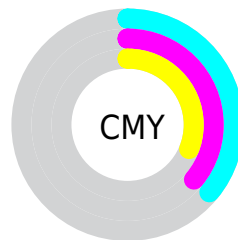


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (31%)



Cyan (36%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7353, 36.9709, 45.8101 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 35.7353, 36.9709, 45.8101 by changing the saturation by 10% instead.

■ 35.7353, 36.9709,
45.8101

■ 35.7353, 36.9709,
45.8101

319.2536,
333.1845, 386.3000

■ 24.3990, 25.1850,
31.7484

■ 67.9499, 70.5280,
85.2660

■ 15.7562, 16.2149,
20.9062

■ 89.5588, 93.0680,
111.4973

■ 9.4415, 9.6764,
12.8649

115.3227,
119.9615, 142.6222

■ 5.0897, 5.1849,
7.2059

145.6069,
151.5928, 179.0593

■ 2.3353, 2.3562,
3.5108

180.7767,
188.3463, 221.2271

■ 0.8126, 0.8032,
1.3610

221.1975,

■ 0.0000, 0.0000,

230.6065, 269.5441

0.1110

267.2347,
278.7578, 324.4289

■ 0.0000, 0.0000,
0.0000

■ 35.7353, 36.9709,
45.8101

■ 35.7353, 36.9709,
45.8101

■ 29.7383, 29.8917,
44.7603

■ 42.5955, 45.0407,
47.0067

■ 24.5670, 23.7604,
43.8494

■ 50.3476, 54.1324,
48.3530

■ 20.1864, 18.5381,
43.0723

■ 59.0235, 64.2816,
49.8547

■ 16.5572, 14.1815,
42.4227

■ 68.6520, 75.5208,
51.5167

■ 13.6371, 10.6438,
41.8937

■ 79.2610, 87.8812,
53.3433

■ 11.3796, 7.8735,
41.4780

■ 84.7380, 95.8752,
54.5976

■ 9.7323, 5.8135,
41.1672

■ 8.6352, 4.3986,
40.9519

■ 8.0050, 3.5456,
40.8205

Harmonies

Analogous

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



34.7259, 36.9709, 45.9581



35.7353, 36.9709, 45.8101



36.6008, 36.9709, 44.1302

Triad

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



35.7353, 36.9709, 45.8101



36.4680, 36.9709, 36.2669



33.2698, 36.9709, 39.0768

Complementary

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



35.7353, 36.9709, 45.8101



39.3369, 41.9942, 40.2154

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.



33.7181, 36.9709, 36.6137



35.7353, 36.9709, 45.8101



35.5568, 36.9709, 35.0444

Square

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



35.7353, 36.9709, 45.8101



37.0293, 36.9709, 38.5826



34.5508, 36.9709, 35.1682



33.3155, 36.9709, 41.9751

Rectangle

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



35.7353, 36.9709, 45.8101



36.9738, 36.9709, 42.4111



34.5508, 36.9709, 35.1682



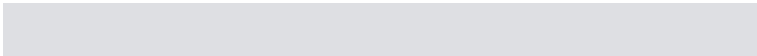
33.3674, 36.9709, 38.1733

Sweetspot

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



35.7364, 36.9725, 45.8109



70.4324, 73.7857, 83.1667



37.8627, 41.3947, 45.9968



15.6844, 16.4350, 18.4900



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.7364, 36.9725, 45.8109



62.0380, 63.9009, 81.7012



36.6833, 37.1973, 45.8044



7.6267, 7.8528, 10.0665



5.6681, 2.4700, 29.2225



0.1734, 0.1001, 0.8182

Inverse Universe

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



37.2112, 37.5996, 39.9484



65.2581, 65.2773, 68.8994



38.3397, 41.7689, 40.2244



8.0294, 8.0250, 8.4656



12.7246, 6.5524, 0.9294



0.3619, 0.1854, 0.0676

Previews

White Background



This preview shows how the XYZ color 35.7353, 36.9709, 45.8101 looks on a white background.

Color Contrast Check

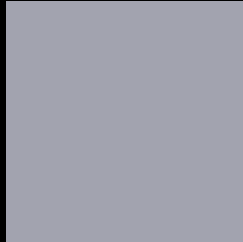
Large Text (above 18pt) WCAG AA × Fail

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 35.7353, 36.9709, 45.8101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

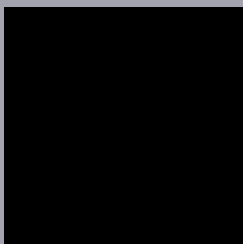
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

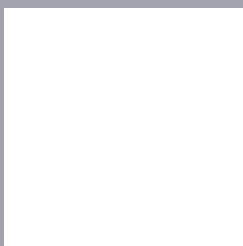
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.7353, 36.9709, 45.8101

Background



This preview shows how black text looks on a background with the XYZ color 35.7353, 36.9709, 45.8101.



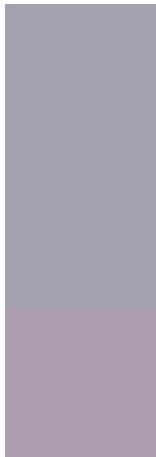
This preview shows how white text looks on a background with the XYZ color 35.7353, 36.9709,

45.8101.

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

35.7353, 36.9709, 45.8101

Protanopia

35.9393, 37.0761, 45.8196

Deuteranopia

37.6902, 36.9295, 46.2159



Tritanopia

35.8340, 37.0104, 46.3294

Trichromacy



Original Color

35.7353, 36.9709, 45.8101

Protanomaly

35.9393, 37.0761, 45.8196

Deuteranomaly

36.9848, 36.8222, 46.2324

Tritanomaly

35.8340, 37.0104, 46.3294

Monochromacy



Original Color

35.7353, 36.9709, 45.8101

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.4476, 37.1646, 42.3510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7353, 36.9709, 45.8101 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(162, 163, 175)` looks like.

```
.text, #text, p{  
    color:rgb(162, 163, 175)  
}
```

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(162, 163, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 163, 175) }
```

Border

The CSS property to change the border of an element to XYZ 35.7353, 36.9709, 45.8101 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(162, 163, 175) }
```


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

```
.border{ border-color:rgb(162, 163, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 163, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 163, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 163, 175);  
box-shadow:4px 4px 4px 4px rgb(162, 163,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7353, 36.9709, 45.8101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 163, 175) }
```

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

```
.background{ background-color: rgb(162,  
163, 175) }
```

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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