

Converting Colors

XYZ(35.5502, 37.1117, 41.1209)

Have a look what the booklet for
XYZ(35.5502, 37.1117, 41.1209)
contains.

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Color

**XYZ(35.5840, 37.2669,
40.9151)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A4A5
RGB	165, 164, 165
RGB Percent	65%, 64%, 65%
CMY	0.3529, 0.3568, 0.3529
CMYK	0.00, 0.01, 0.00, 0.35
HSL	300°, 1%, 65%
HSV	300°, 1%, 65%
XYZ	35.5840, 37.2669, 40.9151
YIQ	164.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

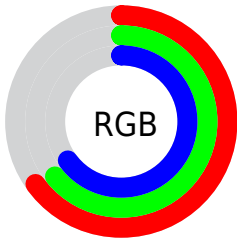
Format	Color
RYB	165, 164, 165
Decimal	10855589
CIELab	67.48, 0.55, -0.40
CIELCh	67, 0.680, 324.133
Yxy	37.2669, 0.3128, 0.3276
Android (android.graphics.Color)	4289045669 (0xFFA5A4A5)
YUV	164.4130, 0.2894, 0.5148
Hunter-Lab	61.0466, -2.7842, 2.9949

Details

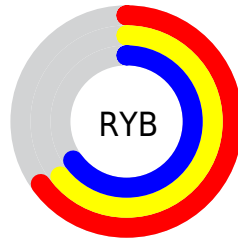
The XYZ color **35.5840, 37.2669, 40.9151** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.4674, 37.4842, 40.4898**, and the grayscale version is **35.4829, 37.3307, 40.6532**.

A 20% lighter version of the original color is **67.7650, 71.0460, 77.8518**, and **15.5849, 16.2913, 17.9459** is the 20% darker color. If you saturate the color by 10%, you get **32.8192, 31.7397, 39.9945**, and if you desaturate by 10%, it is **38.7340, 43.5636, 41.9650**.

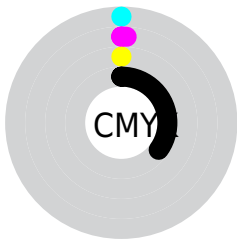
Distribution



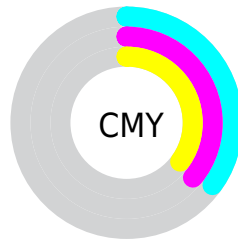
- Red (65%)
- Green (64%)
- Blue (65%)



- Red (65%)
- Yellow (64%)
- Blue (65%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (35%)



- Cyan (35%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5840, 37.2669, 40.9151 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 35.5840, 37.2669, 40.9151 by changing the saturation by 10% instead.

■ 35.5840, 37.2669,
40.9151

■ 35.5840, 37.2669,
40.9151

318.6017,
334.4646, 365.6318

■ 24.2817, 25.4142,
27.9336

■ 67.7176, 70.9831,
77.8073

■ 15.6686, 16.3859,
18.0370

■ 89.2796, 93.6154,
102.5550

■ 9.3793, 9.7977,
10.8068

114.9922,
120.6096, 132.0618

■ 5.0485, 5.2650,
5.8246

145.2207,
152.3503, 166.7463

■ 2.3108, 2.4036,
2.6716

180.3306,
189.2217, 207.0270

■ 0.8002, 0.8277,
0.9291

220.6871,

■ 0.0000, 0.0000,

231.6083, 253.3224

0.0000

266.6557,
279.8945, 306.0512

■ 35.5840, 37.2669,
40.9151

■ 35.5840, 37.2669,
40.9151

■ 32.8192, 31.7397,
39.9945

■ 38.7340, 43.5636,
41.9650

■ 30.4219, 26.9478,
39.1959

■ 42.2799, 50.6526,
43.1464

■ 28.3774, 22.8617,
38.5150

■ 46.2359, 58.5618,
44.4646

■ 26.6693, 19.4482,
37.9462

■ 50.6146, 67.3163,
45.9236

■ 25.2793, 16.6711,
37.4834

■ 55.4279, 76.9401,
47.5275

■ 24.1879, 14.4912,
37.1201

■ 58.0803, 82.2420,
48.4110

■ 23.3732, 12.8645,
36.8491

■ 58.0822, 82.2429,
48.4111

■ 22.8102, 11.7414,
36.6620

■ 58.0841, 82.2439,
48.4112

■ 22.4697, 11.0633,
36.5490

■ 58.0860, 82.2449,
48.4113

Harmonies

Analogous

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



35.5032, 37.2669, 41.1043



35.5840, 37.2669, 40.9151



35.6211, 37.2669, 40.6361

Triad

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



35.5840, 37.2669, 40.9151



35.4416, 37.2669, 40.0081



35.2382, 37.2669, 40.8128

Complementary

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



35.5840, 37.2669, 40.9151



35.4674, 37.4842, 40.4898

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.



35.2218, 37.2669, 40.5186



35.5840, 37.2669, 40.9151



35.3391, 37.2669, 40.0549

Square

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



35.5840, 37.2669, 40.9151



35.5388, 37.2669, 40.1132



35.2586, 37.2669, 40.2414



35.3036, 37.2669, 41.0450

Rectangle

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



35.5840, 37.2669, 40.9151



35.6161, 37.2669, 40.4371



35.2586, 37.2669, 40.2414



35.2268, 37.2669, 40.7179

Sweetspot

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



35.5851, 37.2685, 40.9159



64.0503, 67.3860, 73.3833



35.3816, 37.1680, 40.9072



14.0027, 14.7319, 16.0430



78.6606, 82.7571, 90.1225

Same Dimension

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



35.5851, 37.2685, 40.9159



63.5108, 66.3073, 73.2035



35.5414, 37.2510, 40.6853



7.8792, 8.2319, 9.0767



16.8625, 8.0994, 27.6044



0.3544, 0.1702, 0.5800

Inverse Universe

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



35.4948, 37.2324, 40.4400



63.2391, 66.1987, 71.7711



35.5109, 37.5016, 40.7195



7.8485, 8.2196, 8.9152



11.7393, 6.0518, 0.5517



0.2467, 0.1272, 0.0118

Previews

White Background



This preview shows how the XYZ color 35.5840, 37.2669, 40.9151 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 35.5840, 37.2669, 40.9151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

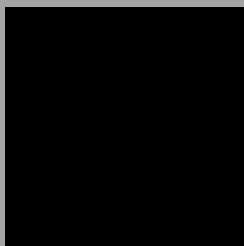
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

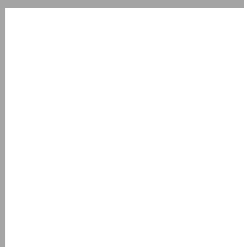
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5840, 37.2669, 40.9151

Background



This preview shows how black text looks on a background with the XYZ color 35.5840, 37.2669, 40.9151.



This preview shows how white text looks on a background with the XYZ color 35.5840, 37.2669,

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

35.5840, 37.2669, 40.9151

Protanopia

35.8251, 37.1265, 40.8753

Deuteranopia

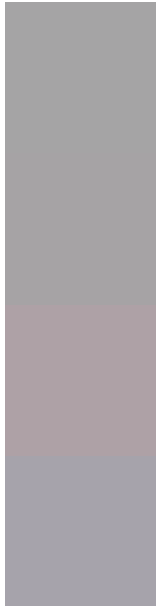
37.8715, 37.1332, 41.2478



Tritanopia

36.5945, 37.1513, 45.7996

Trichromacy



Original Color

35.5840, 37.2669, 40.9151

Protanomaly

35.6146, 37.0180, 40.8654

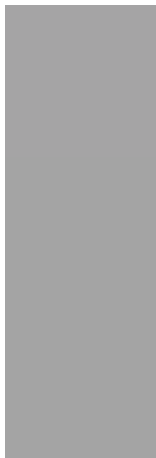
Deuteranomaly

37.0834, 37.2416, 41.3102

Tritanomaly

36.1738, 37.2417, 43.8099

Monochromacy



Original Color

35.5840, 37.2669, 40.9151

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.2861, 37.1238, 40.4278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5840, 37.2669, 40.9151 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(165, 164, 165) looks like.

```
.text, #text, p{  
    color:rgb(165, 164, 165)  
}
```

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(165, 164, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 164, 165) }
```

Border

The CSS property to change the border of an element to XYZ 35.5840, 37.2669, 40.9151 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(165, 164, 165) }
```

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

```
.border{ border-color:rgb(165, 164, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 164, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 164, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 164, 165);  
box-shadow:4px 4px 4px 4px rgb(165, 164,  
165) }
```


Background

The CSS property to change the background color of an element to XYZ 35.5840, 37.2669, 40.9151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 164, 165) }
```

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

```
.background{ background-color: rgb(165,  
164, 165) }
```

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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