

Converting Colors

XYZ(35.6207, 37.6798, 40.9269)

Have a look what the booklet for
XYZ(35.6207, 37.6798, 40.9269)
contains.

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Color

**XYZ(35.5565, 37.5194,
40.9652)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A5A5
RGB	164, 165, 165
RGB Percent	64%, 65%, 65%
CMY	0.3569, 0.3529, 0.3529
CMYK	0.01, 0.00, 0.00, 0.35
HSL	180°, 1%, 65%
HSV	180°, 1%, 65%
XYZ	35.5565, 37.5194, 40.9652
YIQ	164.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

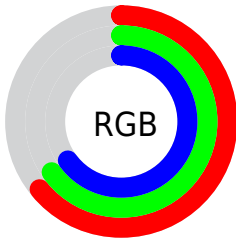
Format	Color
RYB	164, 165, 165
Decimal	10790309
CIELab	67.66, -0.35, -0.13
CIELCh	68, 0.377, 200.630
Yxy	37.5194, 0.3118, 0.3290
Android (android.graphics.Color)	4288980389 (0xFFA4A5A5)
YUV	164.7010, 0.1474, -0.6148
Hunter-Lab	61.2531, -3.5763, 3.2248

Details

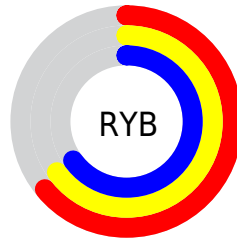
The XYZ color **35.5565, 37.5194, 40.9652** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.4948, 37.2316, 40.4395**, and the grayscale version is **35.6214, 37.4765, 40.8119**.

A 20% lighter version of the original color is **67.7249, 71.4138, 77.9249**, and **15.5679, 16.4473, 17.9769** is the 20% darker color. If you saturate the color by 10%, you get **32.3657, 35.8760, 40.7934**, and if you desaturate by 10%, it is **39.1913, 39.3938, 41.1593**.

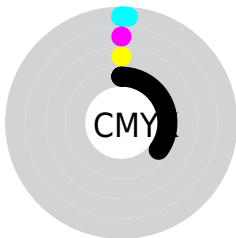
Distribution



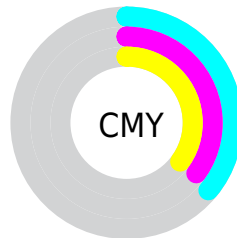
- Red (64%)
- Green (65%)
- Blue (65%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5565, 37.5194, 40.9652 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 35.5565, 37.5194, 40.9652 by changing the saturation by 10% instead.

■ 35.5565, 37.5194,
40.9652

■ 35.5565, 37.5194,
40.9652

318.4831,
335.5538, 365.8475

■ 24.2604, 25.6099,
27.9724

■ 67.6753, 71.3709,
77.8842

■ 15.6527, 16.5320,
18.0660

■ 89.2288, 94.0817,
102.6474

■ 9.3680, 9.9014,
10.8274

114.9320,
121.1617, 132.1712

■ 5.0410, 5.3336,
5.8382

145.1505,
152.9953, 166.8741

■ 2.3063, 2.4443,
2.6798

180.2494,
189.9669, 207.1746

■ 0.7979, 0.8486,
0.9332

220.5943,

■ 0.0000, 0.0000,

232.4610, 253.4913

0.0000

266.5504,
280.8618, 306.2428

■ 35.5565, 37.5194,
40.9652

■ 35.5565, 37.5194,
40.9652

■ 32.3657, 35.8760,
40.7934

■ 39.1913, 39.3938,
41.1593

■ 29.5987, 34.4501,
40.6407

■ 43.2829, 41.5025,
41.3740

■ 27.2388, 33.2341,
40.5071

■ 47.8474, 43.8551,
41.6108

■ 25.2667, 32.2179,
40.3916

■ 52.8993, 46.4589,
41.8705

■ 23.6615, 31.3910,
40.2934

■ 58.4525, 49.3212,
42.1537

■ 22.4007, 30.7415,
40.2112

■ 61.5142, 50.8991,
42.3202

■ 21.4590, 30.2565,
40.1440

■ 61.5187, 50.9008,
42.3437

■ 20.8076, 29.9212,
40.0903

■ 61.5231, 50.9026,
42.3672

■ 20.4127, 29.7182,
40.0487

■ 61.5276, 50.9044,
42.3907

Harmonies

Analogous

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



35.5508, 37.5194, 40.8001



35.5565, 37.5194, 40.9652



35.5902, 37.5194, 41.1004

Triad

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



35.5565, 37.5194, 40.9652



35.7476, 37.5194, 41.0558



35.6793, 37.5194, 40.5370

Complementary

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



35.5565, 37.5194, 40.9652



35.4948, 37.2316, 40.4395

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.



35.7321, 37.5194, 40.6051



35.5565, 37.5194, 40.9652



35.7715, 37.5194, 40.9044

Square

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



35.5565, 37.5194, 40.9652



35.7005, 37.5194, 41.1527



35.7658, 37.5194, 40.7395



35.6217, 37.5194, 40.5532

Rectangle

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



35.5565, 37.5194, 40.9652



35.6240, 37.5194, 41.1552



35.7658, 37.5194, 40.7395



35.6982, 37.5194, 40.5508

Sweetspot

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



35.5576, 37.5210, 40.9660



64.0503, 67.3860, 73.3833



35.4703, 37.4865, 40.4886



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.



35.5576, 37.5210, 40.9660



63.4277, 67.0650, 73.3499



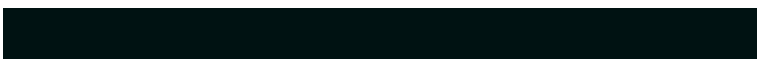
35.4706, 37.3466, 40.9384



7.8698, 8.3173, 9.0932



15.2836, 22.3998, 30.2737



0.3214, 0.4708, 0.6375

Inverse Universe

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



35.4948, 37.2316, 40.4395



63.2397, 66.1989, 71.7745



35.5814, 37.4053, 40.4671



7.8486, 8.2196, 8.9155



11.7412, 6.0525, 0.5618



0.2469, 0.1273, 0.0131

Previews

White Background



This preview shows how the XYZ color 35.5565, 37.5194, 40.9652 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 35.5565, 37.5194, 40.9652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

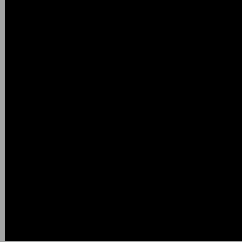
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5565, 37.5194, 40.9652

Background



This preview shows how black text looks on a background with the XYZ color 35.5565, 37.5194, 40.9652.

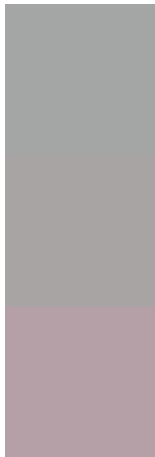


This preview shows how white text looks on a background with the XYZ color 35.5565, 37.5194,

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

35.5565, 37.5194, 40.9652

Protanopia

36.1247, 37.5561, 40.4670

Deuteranopia

38.2761, 37.5981, 41.3162



Tritanopia

36.6596, 37.4360, 46.3680

Trichromacy



Original Color

35.5565, 37.5194, 40.9652

Protanomaly

35.9126, 37.4467, 40.4571

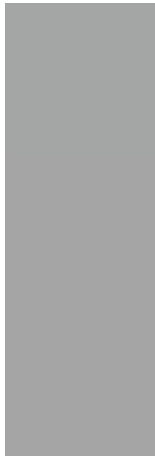
Deuteranomaly

37.2588, 37.5925, 41.3687

Tritanomaly

36.2389, 37.5288, 44.3635

Monochromacy



Original Color

35.5565, 37.5194, 40.9652

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.7637, 37.6262, 40.9749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5565, 37.5194, 40.9652 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(164, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(164, 165, 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(164, 165, 165) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 35.5565, 37.5194, 40.9652 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(164, 165, 165) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 35.5565, 37.5194, 40.9652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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