

Converting Colors

XYZ(34.2604, 35.3337, 38.2721)

Have a look what the booklet for
XYZ(34.2604, 35.3337, 38.2721)
contains.

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Color

**XYZ(34.2604, 35.3337,
38.2721)**

Conversions

Conversions Part 1

Format	Color
Hex	A59FA0
RGB	165, 159, 160
RGB Percent	65%, 62%, 63%
CMY	0.3529, 0.3765, 0.3725
CMYK	0.00, 0.04, 0.03, 0.35
HSL	350°, 3%, 64%
HSV	350°, 4%, 65%
XYZ	34.2604, 35.3337, 38.2721
YIQ	160.9080, 3.2550, 1.5830

Conversions

Conversions Part 2

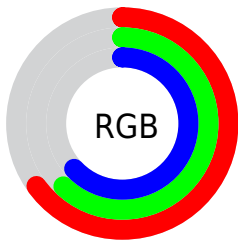
Format	Color
RYB	165, 159, 160
Decimal	10854304
CIELab	66.01, 2.36, 0.25
CIELCh	66, 2.371, 5.949
Yxy	35.3337, 0.3176, 0.3276
Android (android.graphics.Color)	4289044384 (0xFFA59FA0)
YUV	160.9080, -0.4476, 3.5887
Hunter-Lab	59.4422, -1.1426, 3.4354

Details

The XYZ color **34.2604, 35.3337, 38.2721** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4554, 36.9625, 40.4424**, and the grayscale version is **33.8354, 35.5974, 38.7656**.

A 20% lighter version of the original color is **65.8275, 68.2151, 73.9873**, and **14.9329, 15.3400, 16.6419** is the 20% darker color. If you saturate the color by 10%, you get **30.4728, 29.5787, 31.3972**, and if you desaturate by 10%, it is **38.5620, 41.9026, 45.9763**.

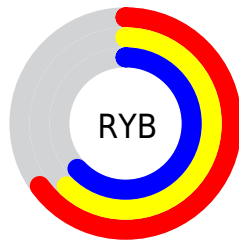
Distribution



Red (65%)

Green (62%)

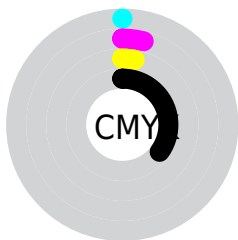
Blue (63%)



Red (65%)

Yellow (62%)

Blue (63%)

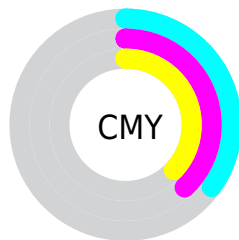


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (35%)



Cyan (35%)

Magenta (38%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2604, 35.3337, 38.2721 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 34.2604, 35.3337, 38.2721 by changing the saturation by 10% instead.

■ 34.2604, 35.3337,
38.2721

■ 34.2604, 35.3337,
38.2721

312.8571,
326.0388, 354.1189

■ 23.2576, 23.9200,
25.8905

■ 65.6800, 68.0024,
73.7330

■ 14.9055, 15.2743,
16.5167

■ 86.8275, 90.0262,
97.6495

■ 8.8390, 9.0121,
9.7322

112.0872,
116.3556, 126.2479

■ 4.6926, 4.7491,
5.1185

141.8246,
147.3748, 159.9468

■ 2.1009, 2.1008,
2.2570

176.4049,
183.4684, 199.1649

■ 0.6897, 0.6651,
0.7070

216.1935,

■ 0.0000, 0.0000,

225.0206, 244.3205

0.0000

261.5558,
272.4160, 295.8324

■ 34.2604, 35.3337,
38.2721

■ 34.2604, 35.3337,
38.2721

■ 30.4728, 29.5787,
31.3972

■ 38.5620, 41.9026,
45.9763

■ 27.1770, 24.6015,
25.3215

■ 43.3927, 49.3105,
54.5338

■ 24.3535, 20.3700,
20.0165

■ 48.7709, 57.5874,
63.9706

■ 21.9805, 16.8482,
15.4513

■ 54.7130, 66.7600,
74.3109

■ 20.0343, 13.9971,
11.5927

■ 61.2349, 76.8543,
85.5778

■ 18.4892, 11.7739,
8.4050

■ 67.3857, 85.9628,
97.4718

■ 17.3166, 10.1308,
5.8493

■ 69.3273, 86.7395,
107.6962

■ 16.4839, 9.0133,
3.8827

■ 15.9527, 8.3561,
2.4565

Harmonies

Analogous

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



34.2047, 35.3337, 39.2667



34.2604, 35.3337, 38.2721



34.1338, 35.3337, 37.3471

Triad

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



34.2604, 35.3337, 38.2721



33.1884, 35.3337, 36.9265



33.3089, 35.3337, 40.2673

Complementary

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



34.2604, 35.3337, 38.2721



34.4554, 36.9625, 40.4424

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.



33.0394, 35.3337, 39.6201



34.2604, 35.3337, 38.2721



32.9702, 35.3337, 37.6889

Square

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



34.2604, 35.3337, 38.2721



33.5136, 35.3337, 36.5790



32.9158, 35.3337, 38.6734



33.6537, 35.3337, 40.4301

Rectangle

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



34.2604, 35.3337, 38.2721



33.9635, 35.3337, 36.8907



32.9158, 35.3337, 38.6734



33.2066, 35.3337, 40.0987

Sweetspot

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



34.2614, 35.3352, 38.2729



63.2839, 66.2166, 72.0073



34.5007, 35.4070, 40.6137



13.8448, 14.4910, 15.7595



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



34.2614, 35.3352, 38.2729



61.0422, 62.7996, 67.9721



34.5211, 35.9936, 37.9307



7.5177, 7.7097, 8.3370



11.9054, 6.1182, 1.4268



0.2629, 0.1337, 0.0972

Inverse Universe

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



34.2614, 35.3352, 38.2729



61.0422, 62.7996, 67.9721



34.1881, 36.2831, 40.7993



7.5177, 7.7097, 8.3370



11.9054, 6.1182, 1.4268



0.2629, 0.1337, 0.0972

Previews

White Background



This preview shows how the XYZ color 34.2604, 35.3337, 38.2721 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 34.2604, 35.3337, 38.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

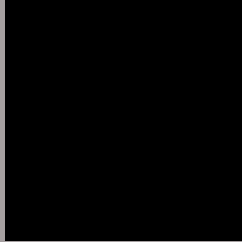
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.2604, 35.3337, 38.2721

Background



This preview shows how black text looks on a background with the XYZ color 34.2604, 35.3337, 38.2721.

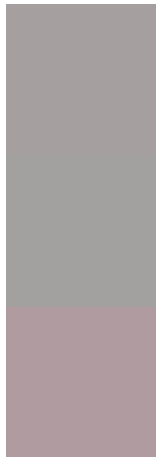


This preview shows how white text looks on a background with the XYZ color 34.2604, 35.3337,

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

34.2604, 35.3337, 38.2721

Protanopia

34.0202, 35.4662, 38.3103

Deuteranopia

36.0589, 35.2460, 38.6209



Tritanopia

35.0386, 35.1232, 42.9629

Trichromacy



Original Color

34.2604, 35.3337, 38.2721

Protanomaly

34.2258, 35.5722, 38.3199

Deuteranomaly

35.3347, 35.1208, 38.6349

Tritanomaly

34.8357, 35.3139, 41.0566

Monochromacy



Original Color

34.2604, 35.3337, 38.2721

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.9041, 35.3962, 38.7634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2604, 35.3337, 38.2721 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, 159, 160) looks like.

```
.text, #text, p{  
    color:rgb(165, 159, 160)  
}
```

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, 159, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 159, 160) }
```

Border

The CSS property to change the border of an element to XYZ 34.2604, 35.3337, 38.2721 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, 159, 160) }
```


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

```
.border{ border-color:rgb(165, 159, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 159, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 159, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 159, 160);  
box-shadow:4px 4px 4px 4px rgb(165, 159,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2604, 35.3337, 38.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 159, 160) }
```

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

```
.background{ background-color: rgb(165,  
159, 160) }
```

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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