

Converting Colors

XYZ(34.5856, 35.3288, 38.8484)

Have a look what the booklet for
XYZ(34.5856, 35.3288, 38.8484)
contains.

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Color

**XYZ(34.5962, 35.2424,
38.6973)**

Conversions

Conversions Part 1

Format	Color
Hex	A79EA1
RGB	167, 158, 161
RGB Percent	65%, 62%, 63%
CMY	0.3451, 0.3804, 0.3686
CMYK	0.00, 0.05, 0.04, 0.35
HSL	340°, 5%, 64%
HSV	340°, 5%, 65%
XYZ	34.5962, 35.2424, 38.6973
YIQ	161.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

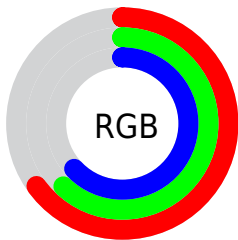
Format	Color
RYB	167, 158, 161
Decimal	10985121
CIELab	65.94, 3.82, -0.40
CIELCh	66, 3.843, 354.072
Yxy	35.2424, 0.3188, 0.3247
Android (android.graphics.Color)	4289175201 (0xFFA79EA1)
YUV	161.0330, -0.0163, 5.2331
Hunter-Lab	59.3653, 0.1348, 2.9075

Details

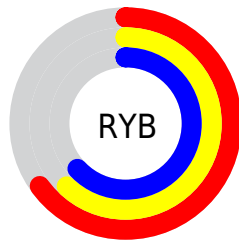
The XYZ color **34.5962, 35.2424, 38.6973** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6214, 37.5877, 40.5541**, and the grayscale version is **33.8911, 35.6560, 38.8294**.

A 20% lighter version of the original color is **66.3131, 68.0760, 74.6106**, and **15.1424, 15.2860, 16.9043** is the 20% darker color. If you saturate the color by 10%, you get **31.0004, 29.5527, 32.8674**, and if you desaturate by 10%, it is **38.6686, 41.7443, 45.1186**.

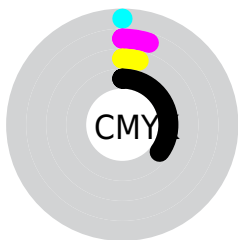
Distribution



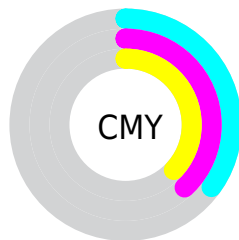
- Red (65%)
- Green (62%)
- Blue (63%)



- Red (65%)
- Yellow (62%)
- Blue (63%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (35%)



- Cyan (35%)
- Magenta (38%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5962, 35.2424, 38.6973 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 34.5962, 35.2424, 38.6973 by changing the saturation by 10% instead.

■ 34.5962, 35.2424,
38.6973

■ 34.5962, 35.2424,
38.6973

314.3217,
325.6370, 355.9893

■ 23.5170, 23.8497,
26.2183

■ 66.1979, 67.8611,
74.3909

■ 15.0985, 15.2221,
16.7598

■ 87.4511, 89.8559,
98.4426

■ 8.9753, 8.9754,
9.9032

112.8265,
116.1534, 127.1889

■ 4.7821, 4.7252,
5.2301

142.6892,
147.1382, 161.0485

■ 2.1534, 2.0869,
2.3218

177.4048,
183.1945, 200.4397

■ 0.7180, 0.6573,
0.7434

217.3385,

■ 0.0000, 0.0000,

224.7068, 245.7813

0.0000

262.8557,
272.0595, 297.4916

■ 34.5962, 35.2424,
38.6973

■ 34.5962, 35.2424,
38.6973

■ 31.0004, 29.5527,
32.8674

■ 38.6686, 41.7443,
45.1186

■ 27.8604, 24.6388,
27.6094

■ 43.2314, 49.0841,
52.1453

■ 25.1584, 20.4682,
22.9061

■ 48.3017, 57.2917,
59.7940

■ 22.8739, 17.0042,
18.7385

■ 53.8946, 66.3946,
68.0798

■ 20.9852, 14.2071,
15.0867

■ 60.0247, 76.4186,
77.0173

■ 19.4682, 12.0333,
11.9290

■ 65.6753, 85.3271,
86.2770

■ 18.2961, 10.4338,
9.2423

■ 67.2703, 85.9651,
94.6760

■ 17.4382, 9.3523,
7.0012

■ 68.9667, 86.6436,
103.6091

■ 16.8563, 8.7173,
5.1768

■ 69.7465, 86.9556,
107.7158

Harmonies

Analogous

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



34.3900, 35.2424, 40.2399



34.5962, 35.2424, 38.6973



34.5051, 35.2424, 37.1099

Triad

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



34.5962, 35.2424, 38.6973



33.0528, 35.2424, 35.5843



32.8594, 35.2424, 40.9649

Complementary

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



34.5962, 35.2424, 38.6973



34.6214, 37.5877, 40.5541

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.



32.5084, 35.2424, 39.6644



34.5962, 35.2424, 38.6973



32.6192, 35.2424, 36.5648

Square

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



34.5962, 35.2424, 38.6973



33.6099, 35.2424, 35.3418



32.4210, 35.2424, 38.0505



33.3840, 35.2424, 41.5727

Rectangle

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



34.5962, 35.2424, 38.6973



34.2886, 35.2424, 36.2359



32.4210, 35.2424, 38.0505



32.7174, 35.2424, 40.5925

Sweetspot

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



34.5972, 35.2439, 38.6981



64.3080, 66.8560, 73.0392



34.5129, 35.1379, 41.5229



14.4092, 14.9902, 16.3737



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



34.5972, 35.2439, 38.6981



61.4680, 62.3359, 68.5168



34.5933, 35.6541, 37.4083



7.8686, 7.9599, 8.7542



12.7548, 6.5106, 3.5202



0.3339, 0.1678, 0.2100

Inverse Universe

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



34.5972, 35.2439, 38.6981



61.4680, 62.3359, 68.5168



34.6222, 37.1510, 41.9057



7.8686, 7.9599, 8.7542



12.7548, 6.5106, 3.5202



0.3339, 0.1678, 0.2100

Previews

White Background



This preview shows how the XYZ color 34.5962, 35.2424, 38.6973 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 34.5962, 35.2424, 38.6973 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 34.5962, 35.2424, 38.6973

Background



This preview shows how black text looks on a background with the XYZ color 34.5962, 35.2424, 38.6973.



This preview shows how white text looks on a background with the XYZ color 34.5962, 35.2424,

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

34.5962, 35.2424, 38.6973

Protanopia

33.8200, 35.0863, 39.1722

Deuteranopia

35.9221, 35.1653, 39.0767



Tritanopia

35.3669, 35.3033, 42.4863

Trichromacy



Original Color

34.5962, 35.2424, 38.6973

Protanomaly

34.2296, 35.2974, 39.1914

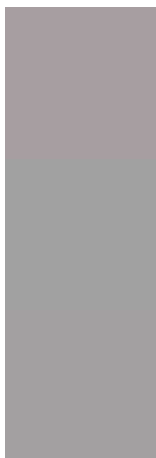
Deuteranomaly

35.4233, 35.1562, 39.1012

Tritanomaly

35.0884, 35.1919, 41.0198

Monochromacy



Original Color

34.5962, 35.2424, 38.6973

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.1081, 35.5014, 38.7730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5962, 35.2424, 38.6973 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(167, 158, 161)` looks like.

```
.text, #text, p{  
    color:rgb(167, 158, 161)  
}
```

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(167, 158, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 158, 161) }
```

Border

The CSS property to change the border of an element to XYZ 34.5962, 35.2424, 38.6973 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(167, 158, 161) }
```


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

```
.border{ border-color:rgb(167, 158, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 158, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 158, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 158, 161);  
box-shadow:4px 4px 4px 4px rgb(167, 158,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5962, 35.2424, 38.6973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 158, 161) }
```

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

```
.background{ background-color: rgb(167,  
158, 161) }
```

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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