

Converting Colors

XYZ(35.3137, 36.3819, 54.6252)

Have a look what the booklet for
XYZ(35.3137, 36.3819, 54.6252)
contains.

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Color

**XYZ(35.2732, 36.2776,
54.4334)**

Conversions

Conversions Part 1

Format	Color
Hex	98A2BF
RGB	152, 162, 191
RGB Percent	60%, 64%, 75%
CMY	0.4039, 0.3647, 0.2510
CMYK	0.20, 0.15, 0.00, 0.25
HSL	225°, 23%, 67%
HSV	225°, 20%, 75%
XYZ	35.2732, 36.2776, 54.4334
YIQ	162.3160, -15.2690, 6.8990

Conversions

Conversions Part 2

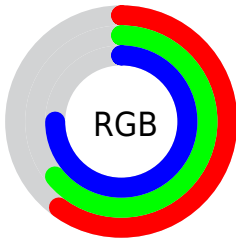
Format	Color
RYB	152, 160, 191
Decimal	10003135
CIELab	66.73, 2.71, -16.09
CIElCh	67, 16.319, 279.563
Yxy	36.2776, 0.2800, 0.2880
Android (android.graphics.Color)	4288193215 (0xFF98A2BF)
YUV	162.3160, 14.1412, -9.0471
Hunter-Lab	60.2309, -0.8686, -11.4215

Details

The XYZ color **35.2732, 36.2776, 54.4334** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.6777, 46.3913, 36.3591**, and the grayscale version is **34.4325, 36.2257, 39.4498**.

A 20% lighter version of the original color is **67.3335, 69.6065, 97.8822**, and **15.4189, 15.6962, 26.2618** is the 20% darker color. If you saturate the color by 10%, you get **29.6203, 29.8578, 53.4928**, and if you desaturate by 10%, it is **41.7866, 43.5623, 55.4968**.

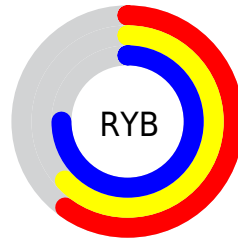
Distribution



Red (60%)

Green (64%)

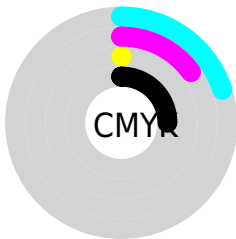
Blue (75%)



Red (60%)

Yellow (63%)

Blue (75%)

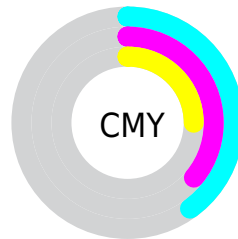


Cyan (20%)

Magenta (15%)

Yellow (0%)

Black (25%)



Cyan (40%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2732, 36.2776, 54.4334 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 35.2732, 36.2776, 54.4334 by changing the saturation by 10% instead.

■ 35.2732, 36.2776,
54.4334

■ 35.2732, 36.2776,
54.4334

317.2595,
330.1723, 420.9818

■ 24.0409, 24.6487,
38.5527

■ 67.2400, 69.4603,
98.1731

■ 15.4889, 15.8155,
26.1068

■ 88.7052, 91.7829,
126.8692

■ 9.2517, 9.3937,
16.6771

114.3122,
118.4388, 160.6743

■ 4.9642, 4.9988,
9.8450

144.4261,
149.8125, 200.0067

■ 2.2608, 2.2466,
5.1921

179.4125,
186.2882, 245.2852

■ 0.7745, 0.7452,
2.2997

219.6366,

■ 0.0000, 0.0000,

228.2505, 296.9281

0.7310

265.4638,
276.0837, 355.3542

■ 0.0000, 0.0000,
0.0000

■ 35.2732, 36.2776,
54.4334

■ 35.2732, 36.2776,
54.4334

■ 29.6203, 29.8578,
53.4928

■ 41.7866, 43.5623,
55.4968

■ 24.7876, 24.2654,
52.6681

■ 49.1917, 51.7385,
56.6847

■ 20.7367, 19.4670,
51.9554

■ 57.5223, 60.8371,
58.0018

■ 17.4245, 15.4249,
51.3497

■ 66.8092, 70.8862,
59.4520

■ 14.8037, 12.0980,
50.8457

■ 77.0821, 81.9127,
61.0389

■ 12.8208, 9.4410,
50.4374

■ 83.9707, 91.6749,
62.5601

■ 11.4141, 7.4029,
50.1181

■ 86.4041, 96.5416,
63.3712

■ 10.5016, 5.9567,
49.8871

Harmonies

Analogous

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



32.8542, 36.2776, 53.6142



35.2732, 36.2776, 54.4334



37.5845, 36.2776, 50.9002

Triad

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



35.2732, 36.2776, 54.4334



38.2603, 36.2776, 31.4793



30.2326, 36.2776, 34.9530

Complementary

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



35.2732, 36.2776, 54.4334



43.6777, 46.3913, 36.3591

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.



31.5528, 36.2776, 29.9436



35.2732, 36.2776, 54.4334



36.1602, 36.2776, 28.1098

Square

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



35.2732, 36.2776, 54.4334



39.3624, 36.2776, 37.2904



33.7003, 36.2776, 27.5831



30.0204, 36.2776, 41.7955

Rectangle

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



35.2732, 36.2776, 54.4334



38.7252, 36.2776, 46.7735



33.7003, 36.2776, 27.5831



30.5584, 36.2776, 33.0228

Sweetspot

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



35.2743, 36.2791, 54.4342



80.3730, 84.1505, 100.2857



39.8800, 47.2575, 50.5216



17.4592, 18.2686, 21.9913



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



35.2743, 36.2791, 54.4342



57.9471, 59.0614, 96.6250



35.3512, 33.8065, 53.9529



9.2101, 9.6125, 12.0422



6.9574, 4.0266, 32.8034



0.3273, 0.2672, 1.3032

Inverse Universe

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



39.2366, 36.1425, 39.0922



66.5240, 58.9851, 63.3661



43.5668, 49.4622, 36.9577



9.6279, 9.5755, 10.4295



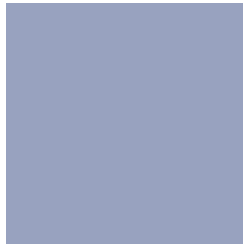
14.5126, 7.4362, 2.7268



0.5961, 0.3023, 0.2523

Previews

White Background



This preview shows how the XYZ color 35.2732, 36.2776, 54.4334 looks on a white background.

Color Contrast Check

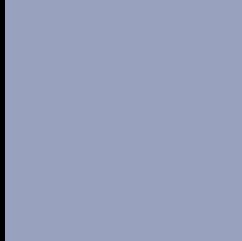
Large Text (above 18pt) WCAG AA × Fail

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 35.2732, 36.2776, 54.4334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

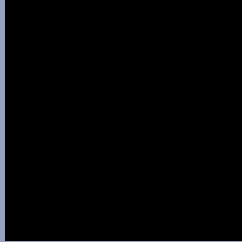
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2732, 36.2776, 54.4334

Background



This preview shows how black text looks on a background with the XYZ color 35.2732, 36.2776, 54.4334.



This preview shows how white text looks on a background with the XYZ color 35.2732, 36.2776,

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

35.2732, 36.2776, 54.4334

Protanopia

35.7494, 36.2754, 53.8328

Deuteranopia

36.8455, 36.0460, 54.8848



Tritanopia

33.6057, 36.1148, 46.7946

Trichromacy



Original Color

35.2732, 36.2776, 54.4334

Protanomaly

35.5567, 36.1760, 53.8238

Deuteranomaly

36.2106, 35.9730, 54.9041

Tritanomaly

34.1184, 36.0558, 49.4172

Monochromacy



Original Color

35.2732, 36.2776, 54.4334

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.5637, 36.1269, 44.6866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2732, 36.2776, 54.4334 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(152, 162, 191)` looks like.

```
.text, #text, p{  
    color:rgb(152, 162, 191)  
}
```

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(152, 162, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 162, 191) }
```

Border

The CSS property to change the border of an element to XYZ 35.2732, 36.2776, 54.4334 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(152, 162, 191) }
```


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

```
.border{ border-color:rgb(152, 162, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 162, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 162, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 162, 191);  
box-shadow:4px 4px 4px 4px rgb(152, 162,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2732, 36.2776, 54.4334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 162, 191) }
```

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

```
.background{ background-color: rgb(152,  
162, 191) }
```

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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