

Converting Colors

XYZ(35.4384, 36.7249, 47.6698)

Have a look what the booklet for
XYZ(35.4384, 36.7249, 47.6698)
contains.

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Color

**XYZ(35.5320, 36.8200,
47.8821)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA3B3
RGB	159, 163, 179
RGB Percent	62%, 64%, 70%
CMY	0.3765, 0.3608, 0.2980
CMYK	0.11, 0.09, 0.00, 0.30
HSL	228°, 12%, 66%
HSV	228°, 11%, 70%
XYZ	35.5320, 36.8200, 47.8821
YIQ	163.6280, -7.5200, 4.1280

Conversions

Conversions Part 2

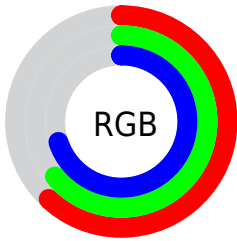
Format	Color
RYB	159, 162, 179
Decimal	10462131
CIELab	67.14, 1.82, -8.74
CIElCh	67, 8.930, 281.756
Yxy	36.8200, 0.2955, 0.3062
Android (android.graphics.Color)	4288652211 (0xFF9FA3B3)
YUV	163.6280, 7.5784, -4.0588
Hunter-Lab	60.6795, -1.6651, -4.3100

Details

The XYZ color **35.5320, 36.8200, 47.8821** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.1787, 42.7468, 38.9350**, and the grayscale version is **35.0786, 36.9054, 40.1899**.

A 20% lighter version of the original color is **67.7984, 70.4371, 88.6196**, and **15.5137, 16.0010, 22.0095** is the 20% darker color. If you saturate the color by 10%, you get **29.8364, 30.3219, 46.9286**, and if you desaturate by 10%, it is **42.0318, 44.1620, 48.9572**.

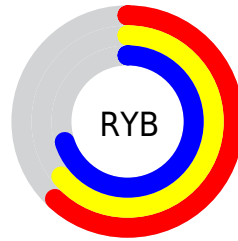
Distribution



Red (62%)

Green (64%)

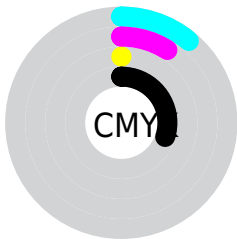
Blue (70%)



Red (62%)

Yellow (64%)

Blue (70%)

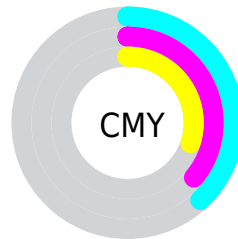


Cyan (11%)

Magenta (9%)

Yellow (0%)

Black (30%)



Cyan (38%)

Magenta (36%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5320, 36.8200, 47.8821 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 35.5320, 36.8200, 47.8821 by changing the saturation by 10% instead.

■ 35.5320, 36.8200,
47.8821

■ 35.5320, 36.8200,
47.8821

318.3774,
332.5306, 394.8198

■ 24.2414, 25.0682,
33.3742

■ 67.6377, 70.2959,
88.3926

■ 15.6385, 16.1278,
22.1398

■ 89.1835, 92.7887,
115.2322

■ 9.3579, 9.6147,
13.7604

114.8785,
119.6306, 147.0195

■ 5.0343, 5.1442,
7.8173

145.0879,
151.2060, 184.1730

■ 2.3024, 2.3321,
3.8922

180.1771,
187.8993, 227.1112

■ 0.7959, 0.7906,
1.5664

220.5116,

■ 0.0000, 0.0000,

230.0949, 276.2528

0.2667

266.4565,
278.1772, 332.0161

■ 0.0000, 0.0000,
0.0000

■ 35.5320, 36.8200,
47.8821

■ 35.5320, 36.8200,
47.8821

■ 29.8364, 30.3219,
46.9286

■ 42.0318, 44.1620,
48.9572

■ 24.9100, 24.6324,
46.0901

■ 49.3621, 52.3720,
50.1556

■ 20.7203, 19.7210,
45.3629

■ 57.5524, 61.4790,
51.4817

■ 17.2312, 15.5530,
44.7423

■ 66.6295, 71.5094,
52.9394

■ 14.4032, 12.0912,
44.2231

■ 76.6191, 82.4882,
54.5320

■ 12.1930, 9.2952,
43.8000

■ 83.2257, 92.2125,
56.0608

■ 10.5518, 7.1200,
43.4666

■ 85.1368, 96.0347,
56.6978

■ 9.4229, 5.5147,
43.2162

■ 8.7622, 4.5055,
43.0563

Harmonies

Analogous

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



34.1837, 36.8200, 47.6355



35.5320, 36.8200, 47.8821



36.7675, 36.8200, 45.9435

Triad

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



35.5320, 36.8200, 47.8821



36.9843, 36.8200, 35.3054



32.5701, 36.8200, 37.7906

Complementary

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



35.5320, 36.8200, 47.8821



40.1787, 42.7468, 38.9350

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.



33.2829, 36.8200, 34.7574



35.5320, 36.8200, 47.8821



35.8217, 36.8200, 33.3879

Square

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



35.5320, 36.8200, 47.8821



37.6204, 36.8200, 38.5836



34.4660, 36.8200, 33.1940



32.4971, 36.8200, 41.6366

Rectangle

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



35.5320, 36.8200, 47.8821



37.3518, 36.8200, 43.7418



34.4660, 36.8200, 33.1940



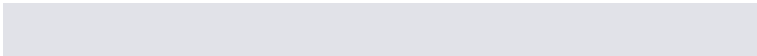
32.7420, 36.8200, 36.6487

Sweetspot

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



35.5331, 36.8215, 47.8829



72.9790, 76.5058, 87.3019



38.1241, 42.6939, 46.6181



15.9546, 16.7088, 19.3065



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.5331, 36.8215, 47.8829



61.4345, 63.4420, 85.3888



35.9834, 36.0154, 47.7036



8.1751, 8.4965, 10.7154



6.2298, 3.2599, 30.4379



0.2363, 0.1831, 0.9711

Inverse Universe

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



37.6003, 37.0252, 39.8169



65.7635, 63.9007, 68.4908



39.6862, 43.6664, 39.1385



8.5636, 8.5322, 9.2003



13.3792, 6.8692, 1.8906



0.4413, 0.2243, 0.1666

Previews

White Background



This preview shows how the XYZ color 35.5320, 36.8200, 47.8821 looks on a white background.

Color Contrast Check

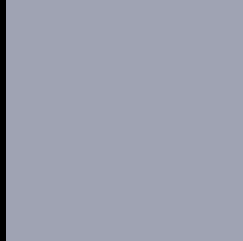
Large Text (above 18pt) WCAG AA × Fail

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 35.5320, 36.8200, 47.8821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

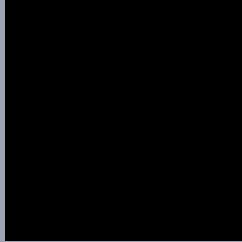
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5320, 36.8200, 47.8821

Background



This preview shows how black text looks on a background with the XYZ color 35.5320, 36.8200, 47.8821.

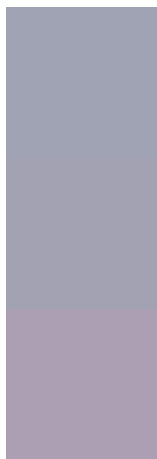


This preview shows how white text looks on a background with the XYZ color 35.5320, 36.8200,

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

35.5320, 36.8200, 47.8821

Protanopia

35.9573, 36.7767, 47.8513

Deuteranopia

37.6496, 36.8622, 48.3108



Tritanopia

35.2317, 36.6999, 46.3012

Trichromacy



Original Color

35.5320, 36.8200, 47.8821

Protanomaly

35.7550, 36.6724, 47.8418

Deuteranomaly

36.7454, 36.6524, 48.3179

Tritanomaly

35.3311, 36.7396, 46.8243

Monochromacy



Original Color

35.5320, 36.8200, 47.8821

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.3372, 37.0969, 42.8341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5320, 36.8200, 47.8821 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(159, 163, 179)` looks like.

```
.text, #text, p{  
    color:rgb(159, 163, 179)  
}
```

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(159, 163, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 163, 179) }
```

Border

The CSS property to change the border of an element to XYZ 35.5320, 36.8200, 47.8821 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(159, 163, 179) }
```


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

```
.border{ border-color:rgb(159, 163, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 163, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 163, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 163, 179);  
box-shadow:4px 4px 4px 4px rgb(159, 163,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5320, 36.8200, 47.8821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 163, 179) }
```

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

```
.background{ background-color: rgb(159,  
163, 179) }
```

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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