

Converting Colors

XYZ(35.2858, 36.6157, 50.1331)

Have a look what the booklet for
XYZ(35.2858, 36.6157, 50.1331)
contains.

XYZ(35.3547, 36.6812, 50.0165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.3547, 36.6812,
50.0165)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA3B7
RGB	156, 163, 183
RGB Percent	61%, 64%, 72%
CMY	0.3882, 0.3608, 0.2823
CMYK	0.15, 0.11, 0.00, 0.28
HSL	224°, 16%, 66%
HSV	224°, 15%, 72%
XYZ	35.3547, 36.6812, 50.0165
YIQ	163.1870, -10.5920, 4.7360

Conversions

Conversions Part 2

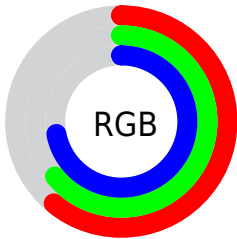
Format	Color
R _Y B	156, 162, 183
Decimal	10265527
CIE Lab	67.04, 1.67, -11.15
CIE LCh	67, 11.274, 278.519
Yxy	36.6812, 0.2897, 0.3005
Android (android.graphics.Color)	4288455607 (0xFF9CA3B7)
YUV	163.1870, 9.7678, -6.3030
Hunter-Lab	60.5650, -1.7897, -6.5681

Details

The XYZ color **35.3547, 36.6812, 50.0165** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.0547, 43.5180, 37.6892**, and the grayscale version is **34.8608, 36.6763, 39.9405**.

A 20% lighter version of the original color is **67.5154, 70.2237, 91.6574**, and **15.5394, 15.9838, 23.3853** is the 20% darker color. If you saturate the color by 10%, you get **29.7980, 30.4342, 49.1042**, and if you desaturate by 10%, it is **41.7051, 43.7222, 51.0414**.

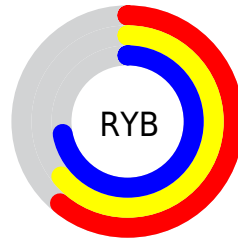
Distribution



Red (61%)

Green (64%)

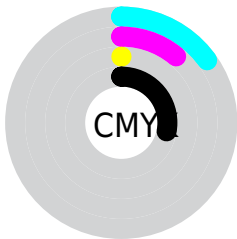
Blue (72%)



Red (61%)

Yellow (64%)

Blue (72%)

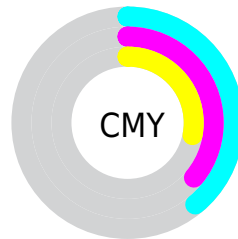


Cyan (15%)

Magenta (11%)

Yellow (0%)

Black (28%)



Cyan (39%)

Magenta (36%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3547, 36.6812, 50.0165 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 35.3547, 36.6812, 50.0165 by changing the saturation by 10% instead.

■ 35.3547, 36.6812,
50.0165

■ 35.3547, 36.6812,
50.0165

317.6119,
331.9282, 403.4674

■ 24.1040, 24.9608,
35.0552

■ 67.3653, 70.0822,
91.5959

■ 15.5360, 16.0478,
23.4215

■ 88.8559, 92.5315,
119.0511

■ 9.2851, 9.5580,
14.6969

114.4906,
119.3260, 151.5080

■ 4.9862, 5.1069,
8.4627

144.6347,
150.8499, 189.3852

■ 2.2739, 2.3101,
4.3004

179.6535,
187.4877, 233.1012

■ 0.7812, 0.7791,
1.7915

219.9123,

■ 0.0000, 0.0000,

229.6237, 283.0745

0.4224

265.7767,
277.6424, 339.7237

■ 0.0000, 0.0000,
0.0000

■ 35.3547, 36.6812,
50.0165

■ 35.3547, 36.6812,
50.0165

■ 29.7980, 30.4342,
49.1042

■ 41.7051, 43.7222,
51.0414

■ 24.9998, 24.9483,
48.2982

■ 48.8760, 51.5795,
52.1801

■ 20.9271, 20.1946,
47.5953

■ 56.8967, 60.2804,
53.4368

■ 17.5431, 16.1409,
46.9912

■ 65.7945, 69.8494,
54.8148

■ 14.8077, 12.7523,
46.4813

■ 75.5951, 80.3099,
56.3174

■ 12.6763, 9.9908,
46.0606

■ 82.2368, 89.5779,
57.7562

■ 11.0982, 7.8138,
45.7236

■ 85.5473, 96.1989,
58.8597

■ 10.0134, 6.1727,
45.4640

■ 9.5824, 5.4890,
45.3547

Harmonies

Analogous

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



33.6718, 36.6812, 49.3787



35.3547, 36.6812, 50.0165



36.9567, 36.6812, 47.7861

Triad

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



35.3547, 36.6812, 50.0165



37.5061, 36.6812, 34.3469



31.8876, 36.6812, 36.5831

Complementary

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



35.3547, 36.6812, 50.0165



41.0547, 43.5180, 37.6892

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.



32.8526, 36.6812, 33.0028



35.3547, 36.6812, 50.0165



36.0848, 36.6812, 31.7872

Square

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



35.3547, 36.6812, 50.0165



38.2252, 36.6812, 38.5581



34.3786, 36.6812, 31.3161



31.7066, 36.6812, 41.3537

Rectangle

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



35.3547, 36.6812, 50.0165



37.7502, 36.6812, 45.0724



34.3786, 36.6812, 31.3161



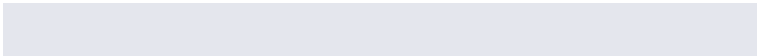
32.1295, 36.6812, 35.2121

Sweetspot

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



35.3558, 36.6827, 50.0173



75.5278, 79.2250, 91.5469



38.4611, 44.0622, 47.4490



16.4798, 17.2758, 20.1876



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.3558, 36.6827, 50.0173



59.6344, 61.5723, 88.9773



35.3977, 34.9094, 49.6728



8.7054, 9.0881, 11.3748



6.7330, 3.9258, 31.6560



0.2892, 0.2420, 1.1332

Inverse Universe

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



38.0286, 36.4893, 39.6909



65.4542, 61.2539, 66.4693



40.9980, 45.5798, 38.0901



9.0977, 9.0494, 9.8617



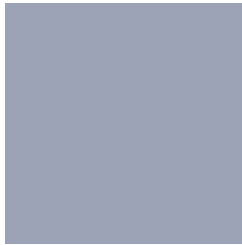
14.0122, 7.1786, 2.6851



0.5201, 0.2635, 0.2324

Previews

White Background



This preview shows how the XYZ color 35.3547, 36.6812, 50.0165 looks on a white background.

Color Contrast Check

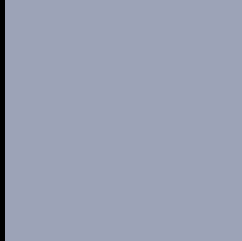
Large Text (above 18pt) WCAG AA × Fail

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 35.3547, 36.6812, 50.0165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

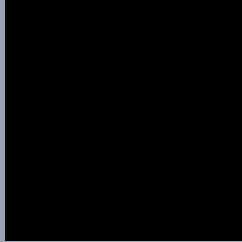
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3547, 36.6812, 50.0165

Background



This preview shows how black text looks on a background with the XYZ color 35.3547, 36.6812, 50.0165.



This preview shows how white text looks on a background with the XYZ color 35.3547, 36.6812,

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

35.3547, 36.6812, 50.0165

Protanopia

35.8610, 36.6916, 49.4481

Deuteranopia

37.4121, 36.6920, 50.4578



Tritanopia

34.7288, 36.6938, 46.8472

Trichromacy



Original Color

35.3547, 36.6812, 50.0165

Protanomaly

35.6619, 36.5890, 49.4388

Deuteranomaly

36.5324, 36.4948, 50.4661

Tritanomaly

34.9297, 36.7742, 47.9050

Monochromacy



Original Color

35.3547, 36.6812, 50.0165

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.8501, 36.5702, 43.2522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3547, 36.6812, 50.0165 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(156, 163, 183)` looks like.

```
.text, #text, p{  
    color:rgb(156, 163, 183)  
}
```

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(156, 163, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 163, 183) }
```

Border

The CSS property to change the border of an element to XYZ 35.3547, 36.6812, 50.0165 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(156, 163, 183) }
```


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

```
.border{ border-color:rgb(156, 163, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 163, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 163, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 163, 183);  
box-shadow:4px 4px 4px 4px rgb(156, 163,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3547, 36.6812, 50.0165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 163, 183) }
```

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

```
.background{ background-color: rgb(156,  
163, 183) }
```

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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