

Converting Colors

XYZ(35.6010, 36.5991, 54.6227)

Have a look what the booklet for
XYZ(35.6010, 36.5991, 54.6227)
contains.

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Color

**XYZ(35.6380, 36.7283,
54.5012)**

Conversions

Conversions Part 1

Format	Color
Hex	99A3BF
RGB	153, 163, 191
RGB Percent	60%, 64%, 75%
CMY	0.4000, 0.3608, 0.2510
CMYK	0.20, 0.15, 0.00, 0.25
HSL	224°, 23%, 67%
HSV	224°, 20%, 75%
XYZ	35.6380, 36.7283, 54.5012
YIQ	163.2020, -14.9480, 6.5880

Conversions

Conversions Part 2

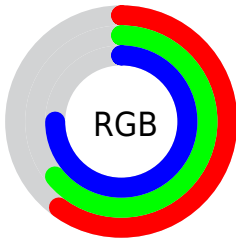
Format	Color
R _Y B	153, 161, 191
Decimal	10068927
CIE Lab	67.07, 2.47, -15.57
CIE LCh	67, 15.765, 279.032
Yxy	36.7283, 0.2809, 0.2895
Android (android.graphics.Color)	4288259007 (0xFF99A3BF)
YUV	163.2020, 13.7044, -8.9472
Hunter-Lab	60.6039, -1.0902, -10.8969

Details

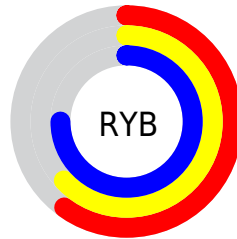
The XYZ color **35.6380, 36.7283, 54.5012** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.7597, 46.4239, 36.7921**, and the grayscale version is **34.8514, 36.6664, 39.9297**.

A 20% lighter version of the original color is **67.8723, 70.2681, 97.9815**, and **15.6387, 15.9706, 26.3031** is the 20% darker color. If you saturate the color by 10%, you get **29.9565, 30.2949, 53.5595**, and if you desaturate by 10%, it is **42.1769, 44.0183, 55.5643**.

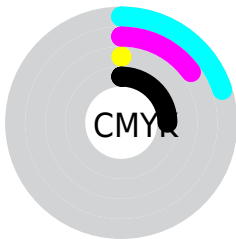
Distribution



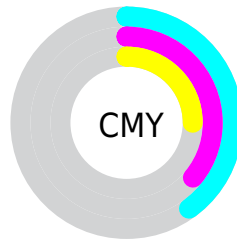
- Red (60%)
- Green (64%)
- Blue (75%)



- 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 35.6380, 36.7283, 54.5012 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 35.6380, 36.7283, 54.5012 by changing the saturation by 10% instead.

■ 35.6380, 36.7283,
54.5012

■ 35.6380, 36.7283,
54.5012

318.8344,
332.1327, 421.2469

■ 24.3236, 24.9972,
38.6066

■ 67.8005, 70.1547,
98.2736

■ 15.6998, 16.0750,
26.1484

■ 89.3793, 92.6188,
126.9884

■ 9.4015, 9.5772,
16.7079

115.1102,
119.4294, 160.8138

■ 5.0632, 5.1196,
9.8667

145.3586,
150.9708, 200.1681

■ 2.3195, 2.3176,
5.2062

180.4899,
187.6274, 245.4701

■ 0.8046, 0.7830,
2.3079

220.8694,

■ 0.0000, 0.0000,

229.7837, 297.1382

0.7356

266.8624,
277.8240, 355.5909

■ 0.0000, 0.0000,
0.0000

■ 35.6380, 36.7283,
54.5012

■ 35.6380, 36.7283,
54.5012

■ 29.9565, 30.2949,
53.5595

■ 42.1769, 44.0183,
55.5643

■ 25.0925, 24.6815,
52.7323

■ 49.6041, 52.1909,
56.7503

■ 21.0079, 19.8550,
52.0160

■ 57.9529, 61.2765,
58.0639

■ 17.6604, 15.7785,
51.4056

■ 67.2541, 71.3027,
59.5090

■ 15.0030, 12.4120,
50.8959

■ 77.5368, 82.2960,
61.0889

■ 12.9832, 9.7111,
50.4810

■ 84.0395, 91.8125,
62.5831

■ 11.5400, 7.6260,
50.1546

■ 86.4041, 96.5416,
63.3713

■ 10.5653, 6.0804,
49.9076

■ 10.5565, 6.0664,
49.9054

Harmonies

Analogous

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



33.2850, 36.7283, 53.6323



35.6380, 36.7283, 54.5012



37.8941, 36.7283, 51.1505

Triad

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



35.6380, 36.7283, 54.5012



38.6147, 36.7283, 32.2380



30.7782, 36.7283, 35.4492

Complementary

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



35.6380, 36.7283, 54.5012



43.7597, 46.4239, 36.7921

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.



32.0852, 36.7283, 30.5853



35.6380, 36.7283, 54.5012



36.5852, 36.7283, 28.8841

Square

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



35.6380, 36.7283, 54.5012



39.6637, 36.7283, 37.9535



34.1903, 36.7283, 28.3158



30.5506, 36.7283, 42.0999

Rectangle

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



35.6380, 36.7283, 54.5012



39.0139, 36.7283, 47.1778



34.1903, 36.7283, 28.3158



31.1029, 36.7283, 33.5737

Sweetspot

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



35.6391, 36.7298, 54.5020



80.4020, 84.2085, 100.2954



40.0952, 47.3653, 50.6742



17.4662, 18.2827, 21.9936



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.



35.6391, 36.7298, 54.5020



59.0788, 60.4279, 96.8291



35.6691, 34.2123, 54.0145



9.2153, 9.6229, 12.0439



6.9945, 4.1008, 32.8158



0.3295, 0.2717, 1.3039

Inverse Universe

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



39.4888, 36.5040, 39.6168



67.3141, 60.1393, 64.9429



43.7042, 49.5235, 37.3933



9.6305, 9.5765, 10.4433



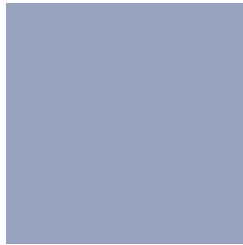
14.5313, 7.4437, 2.8253



0.5972, 0.3028, 0.2583

Previews

White Background



This preview shows how the XYZ color 35.6380, 36.7283, 54.5012 looks on a white background.

Color Contrast Check

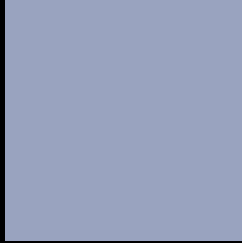
Large Text (above 18pt) WCAG AA × Fail

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 35.6380, 36.7283, 54.5012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

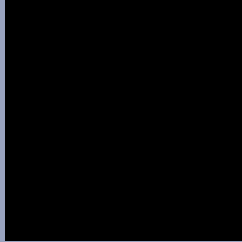
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6380, 36.7283, 54.5012

Background



This preview shows how black text looks on a background with the XYZ color 35.6380, 36.7283, 54.5012.



This preview shows how white text looks on a background with the XYZ color 35.6380, 36.7283,

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

35.6380, 36.7283, 54.5012

Protanopia

36.3151, 36.8275, 53.9096

Deuteranopia

37.4296, 36.6014, 54.9612



Tritanopia

34.2535, 36.7039, 47.3987

Trichromacy



Original Color

35.6380, 36.7283, 54.5012

Protanomaly

35.9249, 36.6263, 53.8913

Deuteranomaly

36.7832, 36.5244, 54.9804

Tritanomaly

34.7716, 36.6452, 50.0403

Monochromacy



Original Color

35.6380, 36.7283, 54.5012

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.9381, 36.5824, 44.7548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6380, 36.7283, 54.5012 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(153, 163, 191)` looks like.

```
.text, #text, p{  
    color:rgb(153, 163, 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(153, 163, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 163, 191) }
```

Border

The CSS property to change the border of an element to XYZ 35.6380, 36.7283, 54.5012 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(153, 163, 191) }
```


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

```
.border{ border-color:rgb(153, 163, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 163, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 163, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 163, 191);  
box-shadow:4px 4px 4px 4px rgb(153, 163,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6380, 36.7283, 54.5012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 163, 191) }
```

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

```
.background{ background-color: rgb(153,  
163, 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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