

Converting Colors

XYZ(36.2666, 38.6095, 55.7726)

Have a look what the booklet for
XYZ(36.2666, 38.6095, 55.7726)
contains.

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Color

**XYZ(36.3913, 38.7102,
56.0059)**

Conversions

Conversions Part 1

Format	Color
Hex	96A9C1
RGB	150, 169, 193
RGB Percent	59%, 66%, 76%
CMY	0.4118, 0.3372, 0.2431
CMYK	0.22, 0.12, 0.00, 0.24
HSL	213°, 26%, 67%
HSV	213°, 22%, 76%
XYZ	36.3913, 38.7102, 56.0059
YIQ	166.0550, -19.0280, 3.4360

Conversions

Conversions Part 2

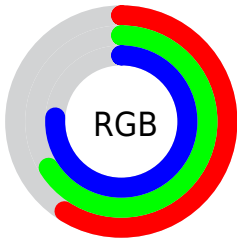
Format	Color
RYB	150, 163, 193
Decimal	9873857
CIELab	68.54, -1.33, -14.49
CIElCh	69, 14.547, 264.752
Yxy	38.7102, 0.2776, 0.2953
Android (android.graphics.Color)	4288063937 (0xFF96A9C1)
YUV	166.0550, 13.2839, -14.0802
Hunter-Lab	62.2175, -4.4752, -9.8184

Details

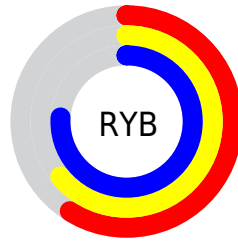
The XYZ color **36.3913, 38.7102, 56.0059** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6339, 43.8118, 35.0646**, and the grayscale version is **36.2174, 38.1036, 41.4948**.

A 20% lighter version of the original color is **68.9314, 73.1300, 100.1050**, and **16.0585, 17.1833, 26.8964** is the 20% darker color. If you saturate the color by 10%, you get **31.2063, 33.1848, 55.2133**, and if you desaturate by 10%, it is **42.3288, 44.8705, 56.8827**.

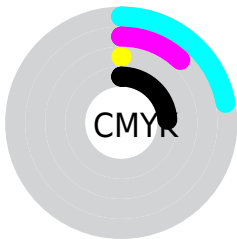
Distribution



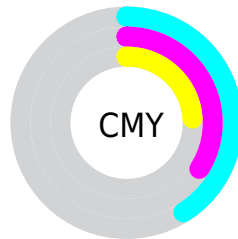
- Red (59%)
- Green (66%)
- Blue (76%)



- Red (59%)
- Yellow (64%)
- Blue (76%)



- Cyan (22%)
- Magenta (12%)
- Yellow (0%)
- Black (24%)



- Cyan (41%)
- Magenta (34%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3913, 38.7102, 56.0059 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 36.3913, 38.7102, 56.0059 by changing the saturation by 10% instead.

■ 36.3913, 38.7102,
56.0059

■ 36.3913, 38.7102,
56.0059

322.0691,
340.6568, 427.1027

■ 24.9081, 26.5344,
39.8036

■ 68.9555, 73.1954,
100.4991

■ 16.1369, 17.2238,
27.0728

■ 90.7672, 96.2735,
129.6271

■ 9.7126, 10.3942,
17.3950

116.7525,
123.7546, 163.9007

■ 5.2696, 5.6611,
10.3516

147.2766,
156.0229, 203.7386

■ 2.4427, 2.6401,
5.5241

182.7050,
193.4629, 249.5591

■ 0.8664, 0.9469,
2.4938

223.4029,

■ 0.0000, 0.0000,

236.4589, 301.7810

0.8369

269.7359,
285.3954, 360.8226

■ 0.0000, 0.0000,
0.0000

■ 36.3913, 38.7102,
56.0059

■ 36.3913, 38.7102,
56.0059

■ 31.2063, 33.1848,
55.2133

■ 42.3288, 44.8705,
56.8827

■ 26.7375, 28.2669,
54.4996

■ 49.0456, 51.6824,
57.8435

■ 22.9511, 23.9339,
53.8628

■ 56.5716, 59.1677,
58.8916

■ 19.8088, 20.1597,
53.2999

■ 64.9341, 67.3458,
60.0294

■ 17.2679, 16.9157,
52.8077

■ 74.1589, 76.2351,
61.2590

■ 15.2803, 14.1701,
52.3825

■ 80.1839, 83.7466,
62.3913

■ 13.7887, 11.8861,
52.0202

■ 83.3380, 90.0548,
63.4427

■ 12.8969, 10.3926,
51.7790

■ 86.6258, 96.6303,
64.5386

Harmonies

Analogous

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



34.3080, 38.7102, 53.3176



36.3913, 38.7102, 56.0059



38.6688, 38.7102, 54.6792

Triad

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



36.3913, 38.7102, 56.0059



40.9413, 38.7102, 37.0828



33.3104, 38.7102, 35.2772

Complementary

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



36.3913, 38.7102, 56.0059



42.6339, 43.8118, 35.0646

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.



34.9786, 38.7102, 31.6958



36.3913, 38.7102, 56.0059



39.3950, 38.7102, 32.6600

Square

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



36.3913, 38.7102, 56.0059



41.3576, 38.7102, 43.3137



37.1974, 38.7102, 30.7896



32.5771, 38.7102, 41.0050

Rectangle

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



36.3913, 38.7102, 56.0059



39.9832, 38.7102, 51.7610



37.1974, 38.7102, 30.7896



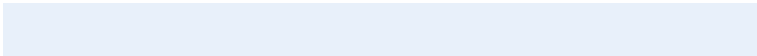
33.7770, 38.7102, 33.8070

Sweetspot

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



36.3925, 38.7118, 56.0068



81.8511, 86.5208, 102.7465



39.2544, 47.6671, 46.9983



17.4038, 18.4033, 22.0202



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.



36.3925, 38.7118, 56.0068



60.2364, 64.1016, 99.5583



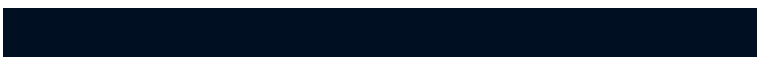
33.5099, 32.3539, 54.9315



9.8864, 10.4641, 12.7835



8.6548, 7.0662, 34.4644



0.4425, 0.4425, 1.5120

Inverse Universe

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



40.0611, 36.0158, 42.3781



68.1184, 58.7023, 70.1888



46.0239, 51.3996, 36.3506



10.2540, 10.1502, 11.4279



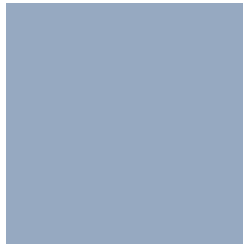
15.7645, 7.9956, 6.6721



0.7158, 0.3593, 0.4706

Previews

White Background



This preview shows how the XYZ color 36.3913, 38.7102, 56.0059 looks on a white background.

Color Contrast Check

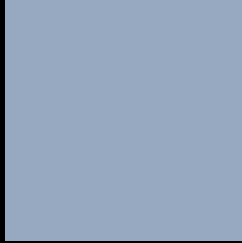
Large Text (above 18pt) WCAG AA × Fail

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 36.3913, 38.7102, 56.0059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

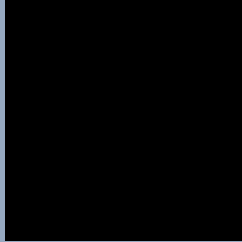
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3913, 38.7102, 56.0059

Background



This preview shows how black text looks on a background with the XYZ color 36.3913, 38.7102, 56.0059.



This preview shows how white text looks on a background with the XYZ color 36.3913, 38.7102,

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

36.3913, 38.7102, 56.0059

Protanopia

38.1444, 38.8206, 54.7729

Deuteranopia

39.4124, 38.6355, 56.4191



Tritanopia

35.2392, 38.5060, 50.9225

Trichromacy



Original Color

36.3913, 38.7102, 56.0059

Protanomaly

37.4337, 38.7123, 55.3684

Deuteranomaly

38.2970, 38.5918, 56.4694

Tritanomaly

35.7388, 38.7269, 52.6051

Monochromacy



Original Color

36.3913, 38.7102, 56.0059

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.1524, 38.2456, 46.5510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3913, 38.7102, 56.0059 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(150, 169, 193)` looks like.

```
.text, #text, p{  
    color:rgb(150, 169, 193)  
}
```

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(150, 169, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 169, 193) }
```

Border

The CSS property to change the border of an element to XYZ 36.3913, 38.7102, 56.0059 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(150, 169, 193) }
```


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

```
.border{ border-color:rgb(150, 169, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 169, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 169, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 169, 193);  
box-shadow:4px 4px 4px 4px rgb(150, 169,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3913, 38.7102, 56.0059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 169, 193) }
```

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

```
.background{ background-color: rgb(150,  
169, 193) }
```

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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