

Converting Colors

XYZ(38.1861, 40.2153, 55.6222)

Have a look what the booklet for
XYZ(38.1861, 40.2153, 55.6222)
contains.

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Color

**XYZ(38.1779, 40.2007,
55.6165)**

Conversions

Conversions Part 1

Format	Color
Hex	9EABC0
RGB	158, 171, 192
RGB Percent	62%, 67%, 75%
CMY	0.3804, 0.3294, 0.2471
CMYK	0.18, 0.11, 0.00, 0.25
HSL	217°, 21%, 69%
HSV	217°, 18%, 75%
XYZ	38.1779, 40.2007, 55.6165
YIQ	169.5070, -14.4890, 3.7750

Conversions

Conversions Part 2

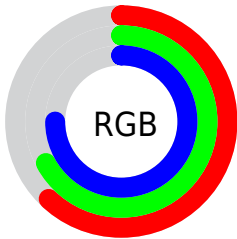
Format	Color
RYB	158, 167, 192
Decimal	10398656
CIELab	69.61, -0.10, -12.27
CIELCh	70, 12.267, 269.524
Yxy	40.2007, 0.2849, 0.3000
Android (android.graphics.Color)	4288588736 (0xFF9EABC0)
YUV	169.5070, 11.0890, -10.0916
Hunter-Lab	63.4040, -3.4756, -7.6250

Details

The XYZ color **38.1779, 40.2007, 55.6165** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.0302, 45.9153, 38.8905**, and the grayscale version is **37.9161, 39.8907, 43.4410**.

A 20% lighter version of the original color is **71.5802, 75.3162, 99.5717**, and **17.2009, 18.1219, 27.0174** is the 20% darker color. If you saturate the color by 10%, you get **32.5522, 34.1243, 54.7408**, and if you desaturate by 10%, it is **44.5970, 46.9865, 56.5886**.

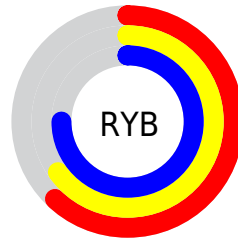
Distribution



Red (62%)

Green (67%)

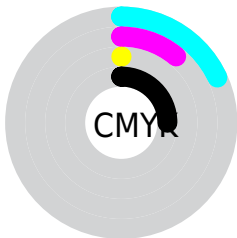
Blue (75%)



Red (62%)

Yellow (65%)

Blue (75%)

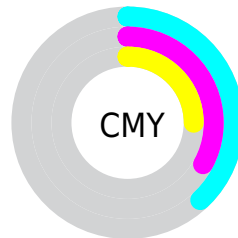


Cyan (18%)

Magenta (11%)

Yellow (0%)

Black (25%)



Cyan (38%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1779, 40.2007, 55.6165 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 38.1779, 40.2007, 55.6165 by changing the saturation by 10% instead.

■ 38.1779, 40.2007,
55.6165

■ 38.1779, 40.2007,
55.6165

329.6502,
346.9688, 425.5923

■ 26.2986, 27.6951,
39.4936

■ 71.6829, 75.4690,
99.9238

■ 17.1810, 18.0959,
26.8332

■ 94.0393, 99.0005,
128.9453

■ 10.4598, 11.0189,
17.2166

120.6188,
126.9761, 163.1035

■ 5.7694, 6.0795,
10.2255

151.7868,
159.7801, 202.8167

■ 2.7447, 2.8935,
5.4412

187.9085,
197.7970, 248.5037

■ 1.0202, 1.0764,
2.4451

229.3494,

■ 0.0000, 0.0000,

241.4111, 300.5830

0.8109

276.4749,
291.0069, 359.4730

■ 0.0000, 0.0000,
0.0000

■ 38.1779, 40.2007,
55.6165

■ 38.1779, 40.2007,
55.6165

■ 32.5522, 34.1243,
54.7408

■ 44.5970, 46.9865,
56.5886

■ 27.6838, 28.7277,
53.9557

■ 51.8365, 54.5001,
57.6573

■ 23.5388, 23.9864,
53.2590

■ 59.9266, 62.7652,
58.8262

■ 20.0794, 19.8725,
52.6473

■ 68.8946, 71.8029,
60.0980

■ 17.2640, 16.3556,
52.1169

■ 78.7668, 81.6336,
61.4752

■ 15.0460, 13.4021,
51.6637

■ 82.5514, 88.6595,
62.6319

■ 13.3715, 10.9745,
51.2834

■ 86.1989, 95.9544,
63.8477

■ 12.1639, 9.0227,
50.9703

■ 86.5146, 96.5858,
63.9530

■ 11.9250, 8.6268,
50.9064

Harmonies

Analogous

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



36.3093, 40.2007, 53.8668



38.1779, 40.2007, 55.6165



40.1183, 40.2007, 53.9711

Triad

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



38.1779, 40.2007, 55.6165



41.6222, 40.2007, 38.6111



35.0187, 40.2007, 38.4668

Complementary

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



38.1779, 40.2007, 55.6165



44.0302, 45.9153, 38.8905

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.



36.3624, 40.2007, 34.9458



38.1779, 40.2007, 55.6165



40.1750, 40.2007, 35.0239

Square

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



38.1779, 40.2007, 55.6165



42.1480, 40.2007, 43.8625



38.2412, 40.2007, 33.7407



34.5244, 40.2007, 43.6811

Rectangle

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



38.1779, 40.2007, 55.6165



41.1821, 40.2007, 51.2448



38.2412, 40.2007, 33.7407



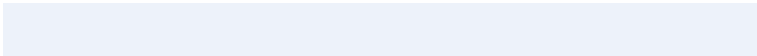
35.3836, 40.2007, 37.0630

Sweetspot

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



38.1791, 40.2024, 55.6174



84.1068, 88.5836, 103.0257



41.0843, 48.2225, 49.7734



17.8506, 18.8028, 22.0738



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.



38.1791, 40.2024, 55.6174



65.3153, 68.7016, 100.1785



36.6357, 35.9383, 54.8757



9.8370, 10.3653, 12.7671



8.0942, 5.9450, 34.2775



0.4164, 0.3903, 1.5033

Inverse Universe

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



41.3168, 38.6014, 43.8031



72.0387, 65.4648, 74.8192



45.7692, 50.8642, 39.7541



10.2290, 10.1402, 11.2966



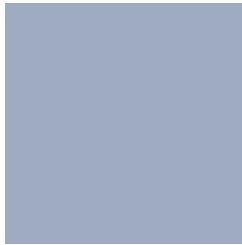
15.4816, 7.8824, 5.1820



0.7026, 0.3540, 0.4012

Previews

White Background



This preview shows how the XYZ color 38.1779, 40.2007, 55.6165 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 38.1779, 40.2007, 55.6165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

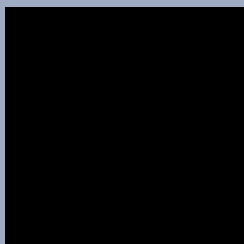
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

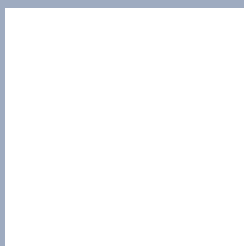
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.1779, 40.2007, 55.6165

Background



This preview shows how black text looks on a background with the XYZ color 38.1779, 40.2007, 55.6165.



This preview shows how white text looks on a background with the XYZ color 38.1779, 40.2007,

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

38.1779, 40.2007, 55.6165

Protanopia

39.4186, 40.3091, 54.4181

Deuteranopia

40.7600, 39.8745, 56.0003



Tritanopia

37.5201, 40.2183, 52.2398

Trichromacy



Original Color

38.1779, 40.2007, 55.6165

Protanomaly

39.0885, 40.4036, 55.0287

Deuteranomaly

39.8065, 39.9227, 56.0599

Tritanomaly

37.7343, 40.3040, 53.3676

Monochromacy



Original Color

38.1779, 40.2007, 55.6165

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.1365, 40.0708, 47.8439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1779, 40.2007, 55.6165 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(158, 171, 192)` looks like.

```
.text, #text, p{  
    color:rgb(158, 171, 192)  
}
```

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(158, 171, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 171, 192) }
```

Border

The CSS property to change the border of an element to XYZ 38.1779, 40.2007, 55.6165 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(158, 171, 192) }
```


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

```
.border{ border-color:rgb(158, 171, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 171, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 171, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 171, 192);  
box-shadow:4px 4px 4px 4px rgb(158, 171,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1779, 40.2007, 55.6165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 171, 192) }
```

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

```
.background{ background-color: rgb(158,  
171, 192) }
```

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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