

Converting Colors

XYZ(40.5041, 44.9428, 55.6151)

Have a look what the booklet for
XYZ(40.5041, 44.9428, 55.6151)
contains.

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Color

**XYZ(40.6355, 44.9995,
55.8343)**

Conversions

Conversions Part 1

Format	Color
Hex	9FB7BF
RGB	159, 183, 191
RGB Percent	62%, 72%, 75%
CMY	0.3765, 0.2823, 0.2510
CMYK	0.17, 0.04, 0.00, 0.25
HSL	195°, 20%, 69%
HSV	195°, 17%, 75%
XYZ	40.6355, 44.9995, 55.8343
YIQ	176.7360, -16.8720, -2.6000

Conversions

Conversions Part 2

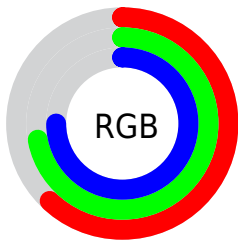
Format	Color
RYB	159, 173, 191
Decimal	10467263
CIELab	72.89, -6.48, -6.82
CIELCh	73, 9.412, 226.447
Yxy	44.9995, 0.2872, 0.3181
Android (android.graphics.Color)	4288657343 (0xFF9FB7BF)
YUV	176.7360, 7.0322, -15.5545
Hunter-Lab	67.0817, -9.2645, -2.3919

Details

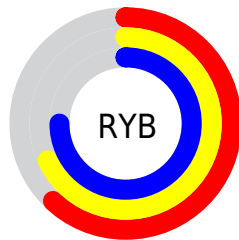
The XYZ color **40.6355, 44.9995, 55.8343** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.5629, 41.2168, 38.5667**, and the grayscale version is **41.6232, 43.7908, 47.6882**.

A 20% lighter version of the original color is **75.3866, 82.7445, 99.9937**, and **18.6335, 20.9260, 27.1018** is the 20% darker color. If you saturate the color by 10%, you get **36.1690, 41.2611, 55.3489**, and if you desaturate by 10%, it is **45.7233, 49.1101, 56.3603**.

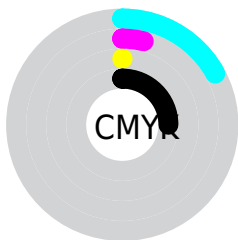
Distribution



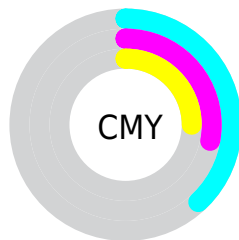
- Red (62%)
- Green (72%)
- Blue (75%)



- Red (62%)
- Yellow (68%)
- Blue (75%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (38%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6355, 44.9995, 55.8343 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 40.6355, 44.9995, 55.8343 by changing the saturation by 10% instead.

■ 40.6355, 44.9995,
55.8343

■ 40.6355, 44.9995,
55.8343

339.8835,
366.7715, 426.4375

■ 28.2208, 31.4570,
39.6670

■ 75.4085, 82.7197,
100.2456

■ 18.6335, 20.9471,
26.9672

■ 98.4974, 107.6661,
129.3267

■ 11.5082, 13.0853,
17.3164

125.8752,
137.1828, 163.5495

■ 6.4795, 7.4873,
10.2960

157.9071,
171.6539, 203.3325

■ 3.1822, 3.7687,
5.4875

194.9586,
211.4639, 249.0943

■ 1.2508, 1.5450,
2.4723

237.3949,

■ 0.1459, 0.3201,

256.9973, 301.2533

0.8254

285.5814,
308.6384, 360.2282

■ 0.0000, 0.0000,
0.0000

■ 40.6355, 44.9995,
55.8343

■ 40.6355, 44.9995,
55.8343

■ 36.1690, 41.2611,
55.3489

■ 45.7233, 49.1101,
56.3603

■ 32.2928, 37.8750,
54.8996

■ 51.4538, 53.6009,
56.9251

■ 28.9790, 34.8273,
54.4860

■ 57.8523, 58.4866,
57.5309

■ 26.1957, 32.1013,
54.1065

■ 64.9415, 63.7794,
58.1788

■ 23.9078, 29.6783,
53.7594

■ 72.7429, 69.4907,
58.8701

■ 22.0757, 27.5373,
53.4427

■ 74.0989, 71.9312,
59.2697

■ 20.6534, 25.6541,
53.1542

■ 75.3073, 74.3480,
59.6724

■ 19.5791, 23.9963,
52.8908

■ 76.5512, 76.8359,
60.0871

■ 19.2666, 23.4867,
52.8089

■ 77.8310, 79.3955,
60.5137

Harmonies

Analogous

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



39.8184, 44.9995, 51.5972



40.6355, 44.9995, 55.8343



42.0363, 44.9995, 58.3065

Triad

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



40.6355, 44.9995, 55.8343



45.9085, 44.9995, 51.1428



41.8845, 44.9995, 40.8393

Complementary

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



40.6355, 44.9995, 55.8343



41.5629, 41.2168, 38.5667

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.



43.5136, 44.9995, 40.7349



40.6355, 44.9995, 55.8343



45.8654, 44.9995, 46.4853

Square

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



40.6355, 44.9995, 55.8343



45.0959, 44.9995, 55.4833



44.9794, 44.9995, 42.7416



40.5268, 44.9995, 43.0366

Rectangle

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



40.6355, 44.9995, 55.8343



43.1256, 44.9995, 58.5249



44.9794, 44.9995, 42.7416



42.4177, 44.9995, 40.5634

Sweetspot

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



40.6368, 45.0014, 55.8353



83.5265, 89.2536, 101.1045



39.8555, 47.4037, 43.3512



18.1881, 19.4776, 22.1862



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.



40.6368, 45.0014, 55.8353



69.8041, 78.1354, 99.6817



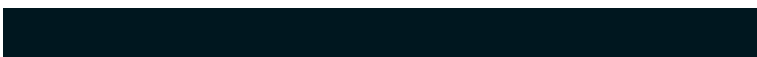
37.6194, 38.9666, 54.8295



9.6012, 10.3947, 12.1725



12.7280, 15.5678, 34.7270



0.5475, 0.7077, 1.3766

Inverse Universe

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



42.4323, 39.2924, 50.1497



73.6414, 66.1686, 87.4775



44.5683, 47.2277, 39.5685



9.8253, 9.6544, 11.4690



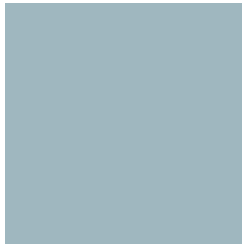
17.4253, 8.6013, 18.0651



0.7073, 0.3468, 0.8378

Previews

White Background



This preview shows how the XYZ color 40.6355, 44.9995, 55.8343 looks on a white background.

Color Contrast Check

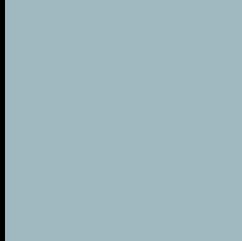
Large Text (above 18pt) WCAG AA × Fail

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 40.6355, 44.9995, 55.8343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

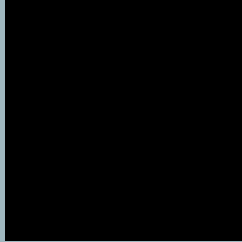
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6355, 44.9995, 55.8343

Background



This preview shows how black text looks on a background with the XYZ color 40.6355, 44.9995, 55.8343.



This preview shows how white text looks on a background with the XYZ color 40.6355, 44.9995,

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

40.6355, 44.9995, 55.8343

Protanopia

43.5879, 45.0553, 53.9762

Deuteranopia

45.7480, 44.9412, 56.7154



Tritanopia

41.3032, 44.9607, 59.3247

Trichromacy



Original Color

40.6355, 44.9995, 55.8343

Protanomaly

42.5198, 45.0873, 54.6058

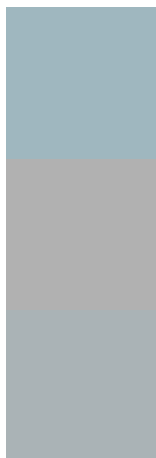
Deuteranomaly

43.5967, 44.7150, 56.2022

Tritanomaly

41.0755, 44.8696, 58.1256

Monochromacy



Original Color

40.6355, 44.9995, 55.8343

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.1412, 44.1636, 50.6120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6355, 44.9995, 55.8343 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, 183, 191)` looks like.

```
.text, #text, p{  
    color:rgb(159, 183, 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(159, 183, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 183, 191) }
```

Border

The CSS property to change the border of an element to XYZ 40.6355, 44.9995, 55.8343 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, 183, 191) }
```


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

```
.border{ border-color:rgb(159, 183, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 183, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 183, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 183, 191);  
box-shadow:4px 4px 4px 4px rgb(159, 183,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6355, 44.9995, 55.8343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 183, 191) }
```

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

```
.background{ background-color: rgb(159,  
183, 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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