

Converting Colors

XYZ(40.2435, 45.3175, 56.2636)

Have a look what the booklet for
XYZ(40.2435, 45.3175, 56.2636)
contains.

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Color

**XYZ(40.3810, 45.4723,
56.5179)**

Conversions

Conversions Part 1

Format	Color
Hex	9BB9C0
RGB	155, 185, 192
RGB Percent	61%, 73%, 75%
CMY	0.3921, 0.2745, 0.2471
CMYK	0.19, 0.04, 0.00, 0.25
HSL	191°, 23%, 68%
HSV	191°, 19%, 75%
XYZ	40.3810, 45.4723, 56.5179
YIQ	176.8280, -20.1270, -4.1830

Conversions

Conversions Part 2

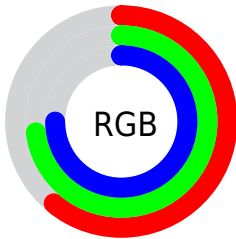
Format	Color
RYB	155, 172, 192
Decimal	10205632
CIELab	73.20, -8.61, -6.94
CIElCh	73, 11.057, 218.857
Yxy	45.4723, 0.2836, 0.3194
Android (android.graphics.Color)	4288395712 (0xFF9BB9C0)
YUV	176.8280, 7.4798, -19.1432
Hunter-Lab	67.4332, -11.1168, -2.4897

Details

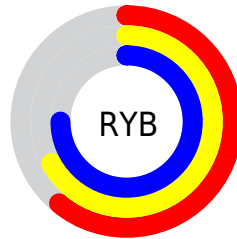
The XYZ color **40.3810, 45.4723, 56.5179** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.5754, 39.4138, 36.4804**, and the grayscale version is **41.6704, 43.8405, 47.7423**.

A 20% lighter version of the original color is **74.9769, 83.3895, 100.9510**, and **18.5050, 21.2502, 27.5525** is the 20% darker color. If you saturate the color by 10%, you get **36.2356, 42.2230, 56.1100**, and if you desaturate by 10%, it is **45.1344, 49.0661, 56.9618**.

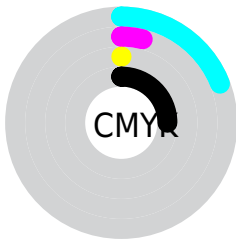
Distribution



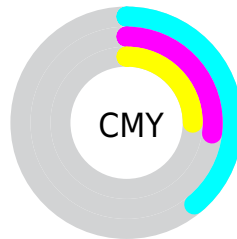
- Red (61%)
- Green (73%)
- Blue (75%)



- Red (61%)
- Yellow (67%)
- Blue (75%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (39%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3810, 45.4723, 56.5179 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 40.3810, 45.4723, 56.5179 by changing the saturation by 10% instead.

■ 40.3810, 45.4723,
56.5179

■ 40.3810, 45.4723,
56.5179

338.8338,
368.6830, 429.0834

■ 28.0213, 31.8296,
40.2115

■ 75.0240, 83.4287,
101.2547

■ 18.4822, 21.2314,
27.3885

■ 98.0380, 108.5112,
130.5223

■ 11.3985, 13.2932,
17.6302

125.3341,
138.1757, 164.9473

■ 6.4048, 7.6308,
10.5181

157.2776,
172.8067, 204.9483

■ 3.1357, 3.8596,
5.6337

194.2340,
212.7885, 250.9439

■ 1.2260, 1.5953,
2.5585

236.5686,

■ 0.1267, 0.3545,

258.5056, 303.3526

0.8709

284.6467,
310.3423, 362.5929

■ 0.0000, 0.0000,
0.0000

■ 40.3810, 45.4723,
56.5179

■ 40.3810, 45.4723,
56.5179

■ 36.2356, 42.2230,
56.1100

■ 45.1344, 49.0661,
56.9618

■ 32.6663, 39.2983,
55.7335

■ 50.5178, 53.0126,
57.4398

■ 29.6446, 36.6841,
55.3882

■ 56.5568, 57.3262,
57.9541

■ 27.1377, 34.3635,
55.0724

■ 63.2745, 62.0192,
58.5059

■ 25.1092, 32.3175,
54.7844

■ 70.6929, 67.1030,
59.0962

■ 23.5177, 30.5244,
54.5222

■ 73.0168, 69.5902,
59.4538

■ 22.3145, 28.9591,
54.2835

■ 73.9055, 71.3677,
59.7500

■ 21.4129, 27.5765,
54.0641

■ 74.8146, 73.1860,
60.0531

■ 21.3510, 27.4787,
54.0485

■ 75.7442, 75.0451,
60.3629

Harmonies

Analogous

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



39.6395, 45.4723, 51.1740



40.3810, 45.4723, 56.5179



41.8890, 45.4723, 60.1542

Triad

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



40.3810, 45.4723, 56.5179



46.7919, 45.4723, 53.4642



42.6485, 45.4723, 39.6920

Complementary

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



40.3810, 45.4723, 56.5179



40.5754, 39.4138, 36.4804

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.



44.5790, 45.4723, 40.2047



40.3810, 45.4723, 56.5179



47.0100, 45.4723, 47.8856

Square

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



40.3810, 45.4723, 56.5179



45.6018, 45.4723, 58.3015



46.1892, 45.4723, 43.1097



40.9227, 45.4723, 41.6528

Rectangle

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



40.3810, 45.4723, 56.5179



43.1457, 45.4723, 60.9740



46.1892, 45.4723, 43.1097



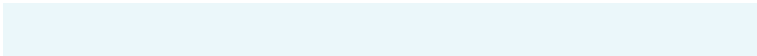
43.2945, 45.4723, 39.5841

Sweetspot

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



40.3823, 45.4742, 56.5189



84.7500, 91.1029, 103.4781



38.8704, 47.2696, 41.1577



18.0477, 19.4458, 22.1875



92.9021, 97.7402, 106.4391



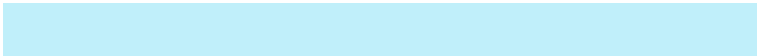
19.4759, 20.4902, 22.3138

Same Dimension

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



40.3823, 45.4742, 56.5189



69.9604, 79.9081, 102.0968



36.7998, 38.3090, 55.3247



10.2014, 11.0941, 12.8885



14.4204, 18.5974, 36.3862



0.6658, 0.8890, 1.5864

Inverse Universe

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



42.2176, 38.1530, 51.0403



73.9156, 64.4246, 90.2239



44.0340, 46.3309, 37.6332



10.4130, 10.2138, 12.2652



18.6747, 9.1597, 21.9971



0.8285, 0.4044, 1.0641

Previews

White Background



This preview shows how the XYZ color 40.3810, 45.4723, 56.5179 looks on a white background.

Color Contrast Check

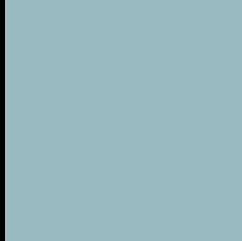
Large Text (above 18pt) WCAG AA × Fail

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 40.3810, 45.4723, 56.5179 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

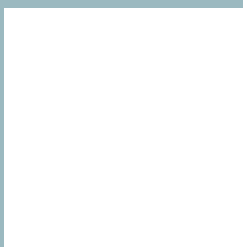
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.3810, 45.4723, 56.5179

Background



This preview shows how black text looks on a background with the XYZ color 40.3810, 45.4723, 56.5179.



This preview shows how white text looks on a background with the XYZ color 40.3810, 45.4723,

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

40.3810, 45.4723, 56.5179

Protanopia

43.8199, 45.1749, 53.9870

Deuteranopia

46.1089, 45.1143, 57.3167



Tritanopia

41.1596, 45.4724, 60.6405

Trichromacy



Original Color

40.3810, 45.4723, 56.5179

Protanomaly

42.5038, 45.3798, 54.6631

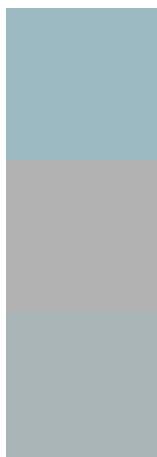
Deuteranomaly

43.6775, 45.0382, 56.8433

Tritanomaly

40.8146, 45.3344, 58.8238

Monochromacy



Original Color

40.3810, 45.4723, 56.5179

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.1269, 44.4549, 50.6690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3810, 45.4723, 56.5179 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(155, 185, 192)` looks like.

```
.text, #text, p{  
    color:rgb(155, 185, 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(155, 185, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 185, 192) }
```

Border

The CSS property to change the border of an element to XYZ 40.3810, 45.4723, 56.5179 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(155, 185, 192) }
```


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

```
.border{ border-color:rgb(155, 185, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 185, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 185, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 185, 192);  
box-shadow:4px 4px 4px 4px rgb(155, 185,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3810, 45.4723, 56.5179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 185, 192) }
```

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

```
.background{ background-color: rgb(155,  
185, 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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