

Converting Colors

XYZ(41.1021, 45.1624, 56.2521)

Have a look what the booklet for
XYZ(41.1021, 45.1624, 56.2521)
contains.

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Color

**XYZ(41.1459, 45.2498,
56.4346)**

Conversions

Conversions Part 1

Format	Color
Hex	A1B7C0
RGB	161, 183, 192
RGB Percent	63%, 72%, 75%
CMY	0.3686, 0.2823, 0.2471
CMYK	0.16, 0.05, 0.00, 0.25
HSL	197°, 20%, 69%
HSV	197°, 16%, 75%
XYZ	41.1459, 45.2498, 56.4346
YIQ	177.4480, -16.0010, -1.8650

Conversions

Conversions Part 2

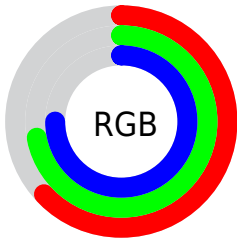
Format	Color
R _Y B	161, 174, 192
Decimal	10598336
CIE Lab	73.06, -5.62, -7.11
CIE LCh	73, 9.064, 231.655
Yxy	45.2498, 0.2881, 0.3168
Android (android.graphics.Color)	4288788416 (0xFFA1B7C0)
YUV	177.4480, 7.1741, -14.4249
Hunter-Lab	67.2680, -8.5356, -2.6539

Details

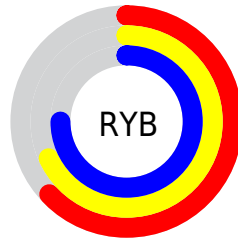
The XYZ color **41.1459, 45.2498, 56.4346** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.5464, 42.5292, 39.6858**, and the grayscale version is **41.9961, 44.1831, 48.1154**.

A 20% lighter version of the original color is **76.1287, 83.1092, 100.8362**, and **18.9495, 21.0806, 27.4963** is the 20% darker color. If you saturate the color by 10%, you get **36.4434, 41.1539, 55.8926**, and if you desaturate by 10%, it is **46.4908, 49.7467, 57.0216**.

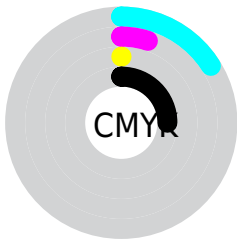
Distribution



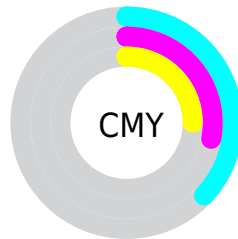
- Red (63%)
- Green (72%)
- Blue (75%)



- Red (63%)
- Yellow (68%)
- Blue (75%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (37%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1459, 45.2498, 56.4346 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 41.1459, 45.2498, 56.4346 by changing the saturation by 10% instead.

■ 41.1459, 45.2498,
56.4346

■ 41.1459, 45.2498,
56.4346

341.9822,
367.7843, 428.7615

■ 28.6213, 31.6542,
40.1451

■ 76.1786, 83.0951,
101.1319

■ 18.9374, 21.0975,
27.3371

■ 99.4175, 108.1137,
130.3767

■ 11.7288, 13.1953,
17.5919

126.9584,
137.7087, 164.7772

■ 6.6301, 7.5632,
10.4910

159.1668,
172.2646, 204.7517

■ 3.2761, 3.8167,
5.6158

196.4080,
212.1656, 250.7188

■ 1.3014, 1.5716,
2.5479

239.0474,

■ 0.1843, 0.3383,

257.7964, 303.0972

0.8654

287.4504,
309.5411, 362.3052

■ 0.0000, 0.0000,
0.0000

■ 41.1459, 45.2498,
56.4346

■ 41.1459, 45.2498,
56.4346

■ 36.4434, 41.1539,
55.8926

■ 46.4908, 49.7467,
57.0216

■ 32.3517, 37.4386,
55.3911

■ 52.4997, 54.6532,
57.6519

■ 28.8425, 34.0895,
54.9296

■ 59.1985, 59.9843,
58.3279

■ 25.8835, 31.0894,
54.5065

■ 66.6102, 65.7527,
59.0507

■ 23.4393, 28.4190,
54.1199

■ 74.0160, 71.5887,
59.7868

■ 21.4697, 26.0568,
53.7678

■ 75.4235, 74.4036,
60.2559

■ 19.9285, 23.9782,
53.4478

■ 76.8794, 77.3155,
60.7413

■ 18.7563, 22.1517,
53.1570

■ 78.3842, 80.3252,
61.2429

■ 18.3573, 21.4912,
53.0505

■ 79.9385, 83.4337,
61.7610

Harmonies

Analogous

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



40.2385, 45.2498, 52.5599



41.1459, 45.2498, 56.4346



42.5679, 45.2498, 58.4168

Triad

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



41.1459, 45.2498, 56.4346



46.0941, 45.2498, 50.5467



41.8940, 45.2498, 41.5962

Complementary

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



41.1459, 45.2498, 56.4346



42.5464, 42.5292, 39.6858

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.



43.4523, 45.2498, 41.1304



41.1459, 45.2498, 56.4346



45.9030, 45.2498, 46.1191

Square

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



41.1459, 45.2498, 56.4346



45.4427, 45.2498, 54.8835



44.9266, 45.2498, 42.7378



40.6630, 45.2498, 44.0517

Rectangle

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



41.1459, 45.2498, 56.4346



43.6270, 45.2498, 58.3189



44.9266, 45.2498, 42.7378



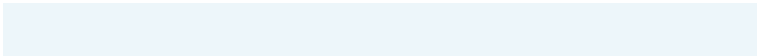
42.3960, 45.2498, 41.2080

Sweetspot

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



41.1472, 45.2517, 56.4356



85.3391, 91.0481, 103.4365



40.7837, 48.1713, 45.0723



18.1506, 19.4027, 22.1737



92.9021, 97.7402, 106.4391



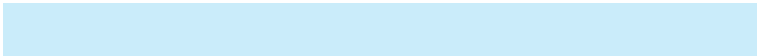
19.4759, 20.4902, 22.3138

Same Dimension

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



41.1472, 45.2517, 56.4356



71.7399, 79.5702, 101.9378



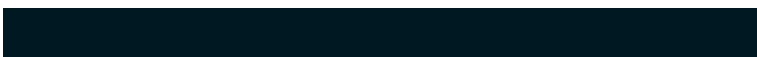
38.1637, 39.2846, 55.4411



10.1136, 10.9185, 12.8593



12.4220, 14.6004, 35.7201



0.5936, 0.7446, 1.5623

Inverse Universe

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



43.0314, 40.1162, 50.2770



75.7651, 68.8065, 88.7351



45.5803, 48.5971, 40.6971



10.3686, 10.1961, 12.0318



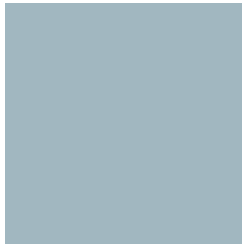
17.6660, 8.7562, 16.6851



0.7920, 0.3898, 0.8721

Previews

White Background



This preview shows how the XYZ color 41.1459, 45.2498, 56.4346 looks on a white background.

Color Contrast Check

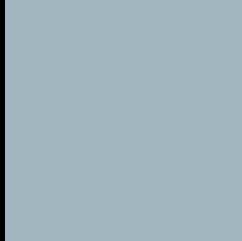
Large Text (above 18pt) WCAG AA × Fail

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 41.1459, 45.2498, 56.4346 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

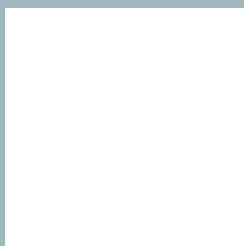
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1459, 45.2498, 56.4346

Background



This preview shows how black text looks on a background with the XYZ color 41.1459, 45.2498, 56.4346.



This preview shows how white text looks on a background with the XYZ color 41.1459, 45.2498,

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

41.1459, 45.2498, 56.4346

Protanopia

43.6961, 45.0986, 54.5460

Deuteranopia

46.1089, 45.1143, 57.3167



Tritanopia

41.7063, 45.1685, 59.3436

Trichromacy



Original Color

41.1459, 45.2498, 56.4346

Protanomaly

42.6288, 45.1309, 55.1796

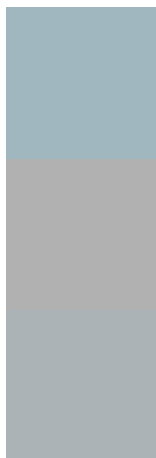
Deuteranomaly

43.9382, 44.8782, 56.7987

Tritanomaly

41.4786, 45.0774, 58.1444

Monochromacy



Original Color

41.1459, 45.2498, 56.4346

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.3582, 44.2755, 50.6222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1459, 45.2498, 56.4346 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(161, 183, 192)` looks like.

```
.text, #text, p{  
    color:rgb(161, 183, 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(161, 183, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 183, 192) }
```

Border

The CSS property to change the border of an element to XYZ 41.1459, 45.2498, 56.4346 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(161, 183, 192) }
```


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

```
.border{ border-color:rgb(161, 183, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 183, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 183, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 183, 192);  
box-shadow:4px 4px 4px 4px rgb(161, 183,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1459, 45.2498, 56.4346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 183, 192) }
```

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

```
.background{ background-color: rgb(161,  
183, 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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