

Converting Colors

XYZ(40.5857, 43.5965, 66.5759)

Have a look what the booklet for
XYZ(40.5857, 43.5965, 66.5759)
contains.

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Color

**XYZ(40.5776, 43.5190,
66.5829)**

Conversions

Conversions Part 1

Format	Color
Hex	98B3D1
RGB	152, 179, 209
RGB Percent	60%, 70%, 82%
CMY	0.4039, 0.2980, 0.1804
CMYK	0.27, 0.14, 0.00, 0.18
HSL	212°, 38%, 71%
HSV	212°, 27%, 82%
XYZ	40.5776, 43.5190, 66.5829
YIQ	174.3470, -25.7220, 3.6060

Conversions

Conversions Part 2

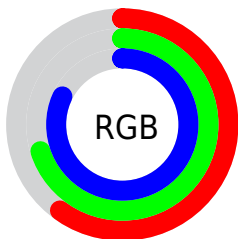
Format	Color
RYB	152, 170, 209
Decimal	10007505
CIELab	71.91, -2.42, -18.20
CIELCh	72, 18.356, 262.440
Yxy	43.5190, 0.2693, 0.2888
Android (android.graphics.Color)	4288197585 (0xFF98B3D1)
YUV	174.3470, 17.0839, -19.5983
Hunter-Lab	65.9689, -5.6500, -13.6636

Details

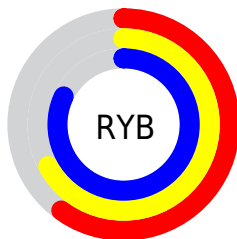
The XYZ color **40.5776, 43.5190, 66.5829** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **48.6906, 49.2786, 36.6524**, and the grayscale version is **40.3359, 42.4365, 46.2134**.

A 20% lighter version of the original color is **73.4905, 79.9021, 106.1570**, and **18.6328, 19.9976, 33.8882** is the 20% darker color. If you saturate the color by 10%, you get **34.8881, 37.4437, 65.7109**, and if you desaturate by 10%, it is **47.1350, 50.3049, 67.5478**.

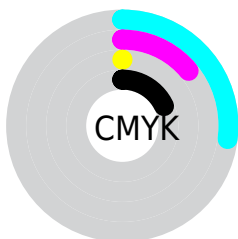
Distribution



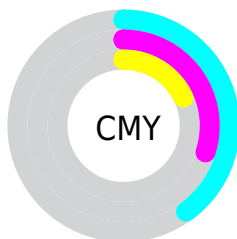
- Red (60%)
- Green (70%)
- Blue (82%)



- Red (60%)
- Yellow (67%)
- Blue (82%)



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)



- Cyan (40%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5776, 43.5190, 66.5829 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 40.5776, 43.5190, 66.5829 by changing the saturation by 10% instead.

■ 40.5776, 43.5190,
66.5829

■ 40.5776, 43.5190,
66.5829

339.6449,
360.7418, 466.9197

■ 28.1754, 30.2925,
48.2863

■ 75.3210, 80.4935,
115.9575

■ 18.5990, 20.0607,
33.6920

■ 98.3930, 105.0103,
147.8726

■ 11.4832, 12.4392,
22.3817

125.7522,
134.0593, 185.1642

■ 6.4625, 7.0435,
13.9366

157.7640,
168.0250, 228.2509

■ 3.1716, 3.4893,
7.9384

194.7939,
207.2917, 277.5513

■ 1.2452, 1.3922,
3.9683

237.2071,

■ 0.1416, 0.2110,

252.2438, 333.4838

1.6080

285.3690,
303.2657, 396.4671

■ 0.0000, 0.0000,
0.2965

■ 0.0000, 0.0000,
0.0000

■ 40.5776, 43.5190,
66.5829

■ 40.5776, 43.5190,
66.5829

■ 34.8881, 37.4437,
65.7109

■ 47.1350, 50.3049,
67.5478

■ 30.0221, 32.0469,
64.9256

■ 54.5936, 57.8212,
68.6055

■ 25.9373, 27.3016,
64.2250

■ 62.9900, 66.0936,
69.7597

■ 22.5855, 23.1764,
63.6054

■ 72.3573, 75.1447,
71.0130

■ 19.9127, 19.6366,
63.0630

■ 82.1719, 84.7097,
72.3420

■ 17.8561, 16.6428,
62.5936

■ 85.4013, 91.1687,
73.4185

■ 16.3322, 14.1444,
62.1916

■ 88.5088, 97.3835,
74.4543

■ 15.9711, 13.5283,
62.0917

Harmonies

Analogous

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



37.8060, 43.5190, 62.3849



40.5776, 43.5190, 66.5829



43.7009, 43.5190, 65.1457

Triad

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



40.5776, 43.5190, 66.5829



47.1724, 43.5190, 41.1121



36.7787, 43.5190, 37.6454

Complementary

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



40.5776, 43.5190, 66.5829



48.6906, 49.2786, 36.6524

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.



39.1110, 43.5190, 33.1866



40.5776, 43.5190, 66.5829



45.1374, 43.5190, 35.0053

Square

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



40.5776, 43.5190, 66.5829



47.6136, 43.5190, 49.6863



42.1595, 43.5190, 32.2848



35.6858, 43.5190, 45.1555

Rectangle

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



40.5776, 43.5190, 66.5829



45.5543, 43.5190, 61.2600



42.1595, 43.5190, 32.2848



37.4380, 43.5190, 35.7809

Sweetspot

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



40.5790, 43.5207, 66.5839



84.6091, 89.6743, 107.4572



44.1371, 55.6319, 52.3713



17.7127, 18.7970, 22.9446



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



40.5790, 43.5207, 66.5839



58.0349, 62.3070, 103.5754



35.8654, 33.8286, 64.9616



11.6189, 12.3281, 15.0108



9.9445, 8.5355, 38.3159



0.6352, 0.6356, 2.1688

Inverse Universe

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



45.6605, 39.2677, 47.8225



67.4965, 55.0179, 68.5014



54.4952, 61.2858, 38.6641



12.0385, 11.9002, 13.4788



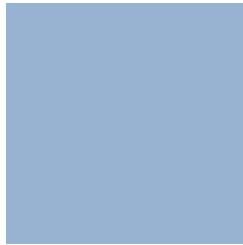
17.6502, 8.9329, 8.3303



1.0269, 0.5155, 0.6762

Previews

White Background



This preview shows how the XYZ color 40.5776, 43.5190, 66.5829 looks on a white background.

Color Contrast Check

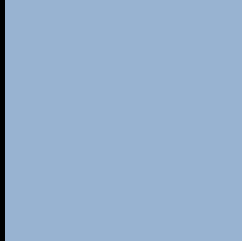
Large Text (above 18pt) WCAG AA × Fail

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 40.5776, 43.5190, 66.5829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

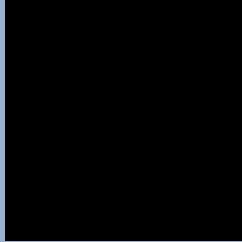
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

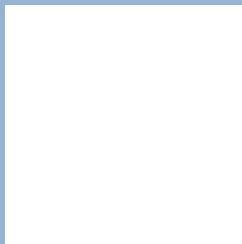
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.5776, 43.5190, 66.5829

Background



This preview shows how black text looks on a background with the XYZ color 40.5776, 43.5190, 66.5829.



This preview shows how white text looks on a background with the XYZ color 40.5776, 43.5190,

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

40.5776, 43.5190, 66.5829

Protanopia

42.8542, 43.2744, 64.4867

Deuteranopia

44.2899, 43.3883, 67.0132



Tritanopia

38.8821, 43.4228, 58.5567

Trichromacy



Original Color

40.5776, 43.5190, 66.5829

Protanomaly

41.8921, 43.3422, 65.1894

Deuteranomaly

42.8992, 43.5286, 67.1136

Tritanomaly

39.4416, 43.3436, 61.5457

Monochromacy



Original Color

40.5776, 43.5190, 66.5829

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.2209, 42.7455, 53.1446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5776, 43.5190, 66.5829 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(152, 179, 209)` looks like.

```
.text, #text, p{  
    color:rgb(152, 179, 209)  
}
```

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(152, 179, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 179, 209) }
```

Border

The CSS property to change the border of an element to XYZ 40.5776, 43.5190, 66.5829 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(152, 179, 209) }
```


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

```
.border{ border-color:rgb(152, 179, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 179, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 179, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 179, 209);  
box-shadow:4px 4px 4px 4px rgb(152, 179,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5776, 43.5190, 66.5829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 179, 209) }
```

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

```
.background{ background-color: rgb(152,  
179, 209) }
```

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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