

Converting Colors

XYZ(40.9597, 45.5170, 68.3313)

Have a look what the booklet for
XYZ(40.9597, 45.5170, 68.3313)
contains.

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Color

**XYZ(40.9609, 45.5121,
68.2539)**

Conversions

Conversions Part 1

Format	Color
Hex	92B9D3
RGB	146, 185, 211
RGB Percent	57%, 73%, 83%
CMY	0.4274, 0.2745, 0.1725
CMYK	0.31, 0.12, 0.00, 0.17
HSL	204°, 42%, 70%
HSV	204°, 31%, 83%
XYZ	40.9609, 45.5121, 68.2539
YIQ	176.3030, -31.5900, -0.1820

Conversions

Conversions Part 2

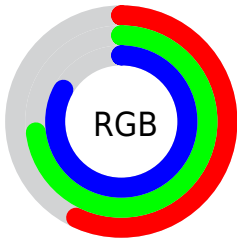
Format	Color
RYB	146, 170, 211
Decimal	9615827
CIELab	73.23, -6.93, -17.33
CIELCh	73, 18.661, 248.195
Yxy	45.5121, 0.2647, 0.2941
Android (android.graphics.Color)	4287805907 (0xFF92B9D3)
YUV	176.3030, 17.1056, -26.5757
Hunter-Lab	67.4627, -9.6809, -12.7615

Details

The XYZ color **40.9609, 45.5121, 68.2539** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **46.8055, 45.4297, 33.4972**, and the grayscale version is **41.3514, 43.5049, 47.3768**.

A 20% lighter version of the original color is **73.5927, 82.5481, 106.6624**, and **18.7662, 21.2300, 34.5612** is the 20% darker color. If you saturate the color by 10%, you get **35.8375, 40.3282, 67.5241**, and if you desaturate by 10%, it is **46.8842, 51.2661, 69.0531**.

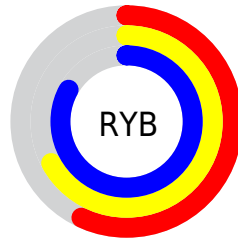
Distribution



Red (57%)

Green (73%)

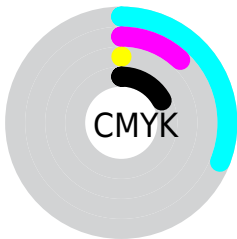
Blue (83%)



Red (57%)

Yellow (67%)

Blue (83%)

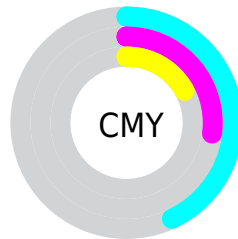


Cyan (31%)

Magenta (12%)

Yellow (0%)

Black (17%)



Cyan (43%)

Magenta (27%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9609, 45.5121, 68.2539 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 40.9609, 45.5121, 68.2539 by changing the saturation by 10% instead.

■ 40.9609, 45.5121,
68.2539

■ 40.9609, 45.5121,
68.2539

341.2225,
368.8436, 473.0175

■ 28.4761, 31.8610,
49.6363

■ 75.8996, 83.4883,
118.3729

■ 18.8271, 21.2553,
34.7554

■ 99.0842, 108.5823,
150.7115

■ 11.6487, 13.3108,
23.1925

126.5661,
138.2592, 188.4608

■ 6.5754, 7.6429,
14.5290

158.7107,
172.9036, 232.0394

■ 3.2420, 3.8673,
8.3466

195.8832,
212.8999, 281.8658

■ 1.2830, 1.5996,
4.2266

238.4492,

■ 0.1704, 0.3573,

258.6324, 338.3587

1.7505

286.7738,
310.4855, 401.9364

■ 0.0000, 0.0000,
0.3950

■ 0.0000, 0.0000,
0.0000

■ 40.9609, 45.5121,
68.2539

■ 40.9609, 45.5121,
68.2539

■ 35.8375, 40.3282,
67.5241

■ 46.8842, 51.2661,
69.0531

■ 31.4697, 35.6858,
66.8582

■ 53.6401, 57.6064,
69.9208

■ 27.8154, 31.5613,
66.2547

■ 61.2646, 64.5552,
70.8602

■ 24.8260, 27.9269,
65.7108

■ 69.7901, 72.1317,
71.8733

■ 22.4461, 24.7513,
65.2233

■ 79.2474, 80.3543,
72.9620

■ 20.6104, 21.9975,
64.7885

■ 82.8901, 85.7473,
73.8109

■ 19.2967, 19.7805,
64.4298

■ 85.3728, 90.7127,
74.6385

■ 87.9718, 95.9107,
75.5048

■ 88.7580, 97.4832,
75.7669

Harmonies

Analogous

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



38.4956, 45.5121, 61.5625



40.9609, 45.5121, 68.2539



44.1616, 45.5121, 69.6324

Triad

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



40.9609, 45.5121, 68.2539



49.7942, 45.5121, 47.0288



39.4801, 45.5121, 36.6908

Complementary

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



40.9609, 45.5121, 68.2539



46.8055, 45.4297, 33.4972

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.



42.3666, 45.5121, 33.7634



40.9609, 45.5121, 68.2539



48.3975, 45.5121, 39.2200

Square

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



40.9609, 45.5121, 68.2539



49.3712, 45.5121, 56.5597



45.6392, 45.5121, 34.6271



37.6712, 45.5121, 43.1538

Rectangle

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



40.9609, 45.5121, 68.2539



46.3015, 45.5121, 67.2078



45.6392, 45.5121, 34.6271



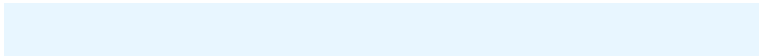
40.3506, 45.5121, 35.3003

Sweetspot

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



40.9623, 45.5139, 68.2550



84.2462, 90.1866, 107.5753



42.4921, 55.6376, 46.9871



17.6809, 18.9798, 22.9815



0.0000, 0.0000, 0.0000



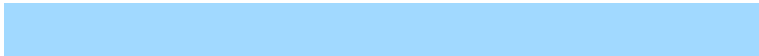
20.3446, 21.4041, 23.3091

Same Dimension

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



40.9623, 45.5139, 68.2550



57.5581, 64.5219, 104.0281



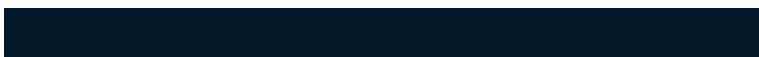
35.1000, 33.7892, 66.3008



11.7451, 12.5806, 15.0529



11.7481, 12.1427, 38.9171



0.7334, 0.8320, 2.2015

Inverse Universe

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



45.9010, 37.9106, 50.7992



66.4824, 51.6510, 72.2905



53.5077, 58.8341, 35.7312



12.1023, 11.9256, 13.8143



18.5606, 9.2971, 13.1242



1.0764, 0.5353, 0.9372

Previews

White Background



This preview shows how the XYZ color 40.9609, 45.5121, 68.2539 looks on a white background.

Color Contrast Check

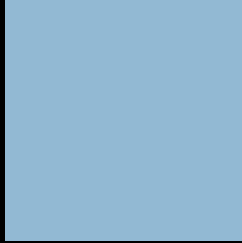
Large Text (above 18pt) WCAG AA × Fail

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 40.9609, 45.5121, 68.2539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

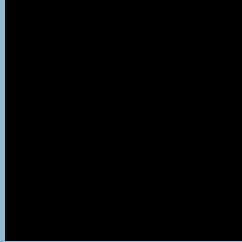
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9609, 45.5121, 68.2539

Background



This preview shows how black text looks on a background with the XYZ color 40.9609, 45.5121, 68.2539.



This preview shows how white text looks on a background with the XYZ color 40.9609, 45.5121,

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

40.9609, 45.5121, 68.2539

Protanopia

44.5165, 45.2957, 64.7892

Deuteranopia

46.1626, 45.1673, 69.2359



Tritanopia

39.9326, 45.7342, 62.6000

Trichromacy



Original Color

40.9609, 45.5121, 68.2539

Protanomaly

43.2189, 45.4943, 66.1779

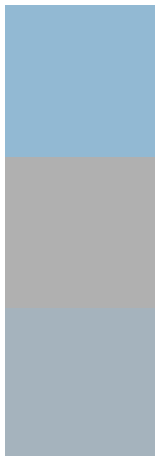
Deuteranomaly

44.1522, 45.3185, 68.7076

Tritanomaly

40.2554, 45.5453, 64.4270

Monochromacy



Original Color

40.9609, 45.5121, 68.2539

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.8225, 43.9137, 54.4687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9609, 45.5121, 68.2539 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(146, 185, 211)` looks like.

```
.text, #text, p{  
    color:rgb(146, 185, 211)  
}
```

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(146, 185, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 185, 211) }
```

Border

The CSS property to change the border of an element to XYZ 40.9609, 45.5121, 68.2539 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(146, 185, 211) }
```


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

```
.border{ border-color:rgb(146, 185, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 185, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 185, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 185, 211);  
box-shadow:4px 4px 4px 4px rgb(146, 185,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9609, 45.5121, 68.2539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 185, 211) }
```

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

```
.background{ background-color: rgb(146,  
185, 211) }
```

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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