

Converting Colors

XYZ(44.6374, 40.5592, 67.7641)

Have a look what the booklet for
XYZ(44.6374, 40.5592, 67.7641)
contains.

XYZ(44.6361, 40.5575, 67.7632)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.6361, 40.5575,
67.7632)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A1D4
RGB	185, 161, 212
RGB Percent	73%, 63%, 83%
CMY	0.2745, 0.3686, 0.1686
CMYK	0.13, 0.24, 0.00, 0.17
HSL	268°, 37%, 73%
HSV	268°, 24%, 83%
XYZ	44.6361, 40.5575, 67.7632
YIQ	173.9900, -2.0670, 20.9490

Conversions

Conversions Part 2

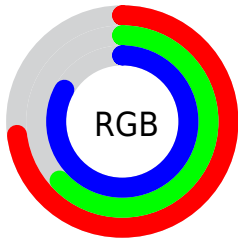
Format	Color
RYB	185, 161, 212
Decimal	12165588
CIELab	69.86, 18.54, -22.71
CIElCh	70, 29.318, 309.221
Yxy	40.5575, 0.2918, 0.2652
Android (android.graphics.Color)	4290355668 (0xFFB9A1D4)
YUV	173.9900, 18.7389, 9.6558
Hunter-Lab	63.6848, 13.6607, -18.5076

Details

The XYZ color **44.6361, 40.5575, 67.7632** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.7170, 60.3526, 42.6963**, and the grayscale version is **40.1357, 42.2258, 45.9839**.

A 20% lighter version of the original color is **78.8815, 75.0325, 104.9330**, and **20.9145, 18.1969, 34.3083** is the 20% darker color. If you saturate the color by 10%, you get **38.6394, 32.4256, 66.5103**, and if you desaturate by 10%, it is **51.4773, 50.0592, 69.2373**.

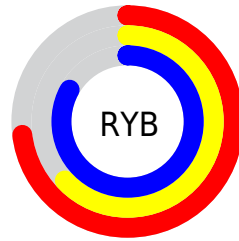
Distribution



Red (73%)

Green (63%)

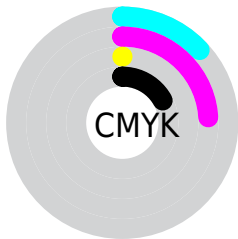
Blue (83%)



Red (73%)

Yellow (63%)

Blue (83%)

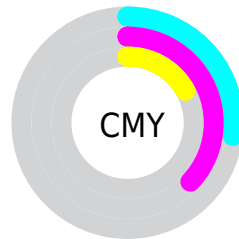


Cyan (13%)

Magenta (24%)

Yellow (0%)

Black (17%)



Cyan (27%)

Magenta (37%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6361, 40.5575, 67.7632 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 44.6361, 40.5575, 67.7632 by changing the saturation by 10% instead.

■ 44.6361, 40.5575,
67.7632

■ 44.6361, 40.5575,
67.7632

356.1063,
348.4678, 471.2318

■ 31.3709, 27.9735,
49.2396

■ 81.4145, 76.0117,
117.6643

■ 21.0347, 18.3057,
34.4427

■ 105.6585, 99.6507,
149.8790

■ 13.2620, 11.1697,
22.9538

134.2927,
127.7435, 187.4944

■ 7.6874, 6.1811,
14.3544

167.6827,
160.6744, 230.9291

■ 3.9457, 2.9555,
8.2260

206.1937,
198.8279, 280.6016

■ 1.6715, 1.1085,
4.1501

250.1910,

■ 0.4383, 0.0000,

242.5884, 336.9306

1.7080

300.0401,
292.3402, 400.3345

■ 0.0000, 0.0000,
0.3662

■ 0.0000, 0.0000,
0.0000

■ 44.6361, 40.5575,
67.7632

■ 44.6361, 40.5575,
67.7632

■ 38.6394, 32.4256,
66.5103

■ 51.4773, 50.0592,
69.2373

■ 33.4466, 25.5926,
65.4651

■ 59.1933, 60.9869,
70.9399

■ 29.0197, 19.9886,
64.6167

■ 67.8175, 73.3998,
72.8812

■ 25.3154, 15.5352,
63.9524

■ 77.3804, 87.3522,
75.0703

■ 22.2855, 12.1441,
63.4575

■ 83.9609, 94.9957,
76.1988

■ 19.8751, 9.7140,
63.1155

■ 87.9139, 97.0335,
76.3838

■ 18.0183, 8.1222,
62.9061

■ 88.8838, 97.5335,
76.4292

■ 17.1130, 7.4493,
62.8239

Harmonies

Analogous

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



40.0353, 40.5575, 75.4489



44.6361, 40.5575, 67.7632



47.7636, 40.5575, 54.1370

Triad

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



44.6361, 40.5575, 67.7632



41.8908, 40.5575, 23.8924



30.1949, 40.5575, 48.4990

Complementary

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



44.6361, 40.5575, 67.7632



50.7170, 60.3526, 42.6963

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.



30.6025, 40.5575, 35.4912



44.6361, 40.5575, 67.7632



37.0993, 40.5575, 22.9958

Square

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



44.6361, 40.5575, 67.7632



46.0901, 40.5575, 29.5617



33.0415, 40.5575, 26.7938



31.8783, 40.5575, 62.9133

Rectangle

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



44.6361, 40.5575, 67.7632



48.4533, 40.5575, 44.5180



33.0415, 40.5575, 26.7938



30.0951, 40.5575, 43.8044

Sweetspot

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



44.6374, 40.5592, 67.7641



86.2259, 87.3868, 106.9305



44.6091, 48.3840, 69.2759



18.2999, 18.4828, 22.8530



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.



44.6374, 40.5592, 67.7641



62.8583, 54.8640, 101.8846



51.2935, 43.9906, 68.0756



12.2927, 12.2923, 15.6623



10.6783, 4.6574, 38.7893



0.7392, 0.3299, 2.3440

Inverse Universe

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



48.9747, 43.1194, 53.3205



70.7190, 59.5061, 75.6085



45.0208, 57.4162, 42.4297



12.6952, 12.5296, 14.3354



18.6267, 9.3870, 10.6044



1.1652, 0.5829, 0.8591

Previews

White Background



This preview shows how the XYZ color 44.6361, 40.5575, 67.7632 looks on a white background.

Color Contrast Check

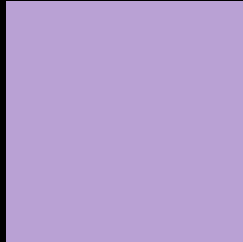
Large Text (above 18pt) WCAG AA × Fail

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 44.6361, 40.5575, 67.7632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

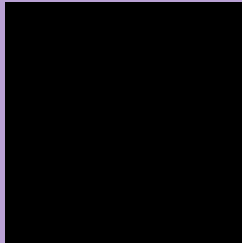
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.6361, 40.5575, 67.7632

Background



This preview shows how black text looks on a background with the XYZ color 44.6361, 40.5575, 67.7632.



This preview shows how white text looks on a background with the XYZ color 44.6361, 40.5575,

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

44.6361, 40.5575, 67.7632

Protanopia

40.9434, 40.7070, 72.0290

Deuteranopia

41.5129, 40.5561, 67.2682



Tritanopia

40.8793, 40.6360, 48.8690

Trichromacy



Original Color

44.6361, 40.5575, 67.7632

Protanomaly

42.1793, 40.5551, 70.5706

Deuteranomaly

42.6686, 40.6121, 67.2181

Tritanomaly

42.2610, 40.6611, 55.4902

Monochromacy



Original Color

44.6361, 40.5575, 67.7632

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.6252, 41.4718, 53.3879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6361, 40.5575, 67.7632 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(185, 161, 212)` looks like.

```
.text, #text, p{  
    color:rgb(185, 161, 212)  
}
```

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(185, 161, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 161, 212) }
```

Border

The CSS property to change the border of an element to XYZ 44.6361, 40.5575, 67.7632 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(185, 161, 212) }
```


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

```
.border{ border-color:rgb(185, 161, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 161, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 161, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 161, 212);  
box-shadow:4px 4px 4px 4px rgb(185, 161,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6361, 40.5575, 67.7632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 161, 212) }
```

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

```
.background{ background-color: rgb(185,  
161, 212) }
```

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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