

Converting Colors

XYZ(43.1824, 41.4390, 66.3710)

Have a look what the booklet for
XYZ(43.1824, 41.4390, 66.3710)
contains.

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Color

**XYZ(43.3561, 41.5207,
66.7019)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A7D2
RGB	176, 167, 210
RGB Percent	69%, 65%, 82%
CMY	0.3098, 0.3451, 0.1765
CMYK	0.16, 0.20, 0.00, 0.18
HSL	253°, 32%, 74%
HSV	253°, 20%, 82%
XYZ	43.3561, 41.5207, 66.7019
YIQ	174.5930, -8.4390, 15.2810

Conversions

Conversions Part 2

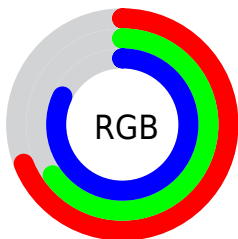
Format	Color
R _Y B	176, 167, 210
Decimal	11577298
CIE Lab	70.54, 11.88, -20.65
CIE LCh	71, 23.827, 299.907
Yxy	41.5207, 0.2860, 0.2739
Android (android.graphics.Color)	4289767378 (0xFFB0A7D2)
YUV	174.5930, 17.4557, 1.2339
Hunter-Lab	64.4366, 7.3396, -16.2688

Details

The XYZ color **43.3561, 41.5207, 66.7019** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.1103, 61.3017, 45.5416**, and the grayscale version is **40.4543, 42.5611, 46.3491**.

A 20% lighter version of the original color is **77.4500, 76.6184, 105.3145**, and **20.2155, 18.8390, 33.5812** is the 20% darker color. If you saturate the color by 10%, you get **36.2894, 32.6237, 65.3577**, and if you desaturate by 10%, it is **51.5094, 51.9073, 68.2776**.

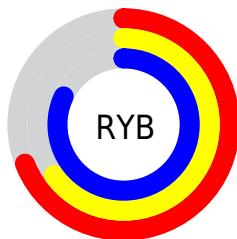
Distribution



Red (69%)

Green (65%)

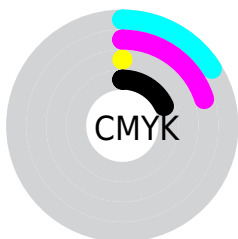
Blue (82%)



Red (69%)

Yellow (65%)

Blue (82%)

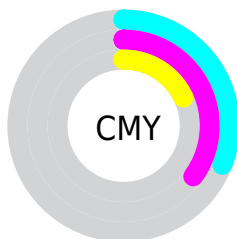


Cyan (16%)

Magenta (20%)

Yellow (0%)

Black (18%)



Cyan (31%)

Magenta (35%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3561, 41.5207, 66.7019 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 43.3561, 41.5207, 66.7019 by changing the saturation by 10% instead.

■ 43.3561, 41.5207,
66.7019

■ 43.3561, 41.5207,
66.7019

350.9709,
352.4922, 467.3555

■ 30.3603, 28.7262,
48.3823

■ 79.5003, 77.4737,
116.1297

■ 20.2617, 18.8738,
33.7676

■ 103.3795,
101.4010, 148.0751

■ 12.6948, 11.5791,
22.4392

131.6172,
129.8079, 185.3995

■ 7.2943, 6.4578,
13.9786

164.5788,
163.0790, 228.5214

■ 3.6948, 3.1254,
7.9672

202.6296,
201.5986, 277.8595

■ 1.5309, 1.1975,
3.9865

246.1350,

■ 0.3467, 0.0597,

245.7510, 333.8321

1.6179

295.4603,
295.9208, 396.8580

■ 0.0000, 0.0000,
0.3036

■ 0.0000, 0.0000,
0.0000

■ 43.3561, 41.5207,
66.7019

■ 43.3561, 41.5207,
66.7019

■ 36.2894, 32.6237,
65.3577

■ 51.5094, 51.9073,
68.2776

■ 30.2587, 25.1424,
64.2315

■ 60.7892, 63.8425,
70.0923

■ 25.2154, 19.0044,
63.3126

■ 71.2379, 77.3885,
72.1562

■ 21.1049, 14.1284,
62.5881

■ 82.8949, 92.6024,
74.4784

■ 17.8676, 10.4247,
62.0438

■ 88.6330, 97.4332,
75.1084

■ 15.4361, 7.7910,
61.6636

■ 13.7325, 6.1070,
61.4284

■ 12.6695, 5.1875,
61.3069

Harmonies

Analogous

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



39.4519, 41.5207, 70.5099



43.3561, 41.5207, 66.7019



46.3756, 41.5207, 56.9613

Triad

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



43.3561, 41.5207, 66.7019



43.3788, 41.5207, 28.9399



32.3745, 41.5207, 45.1738

Complementary

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



43.3561, 41.5207, 66.7019



54.1103, 61.3017, 45.5416

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.



33.2760, 41.5207, 35.1957



43.3561, 41.5207, 66.7019



39.4765, 41.5207, 26.8253

Square

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



43.3561, 41.5207, 66.7019



46.3893, 41.5207, 35.2473



35.8124, 41.5207, 28.9137



33.2651, 41.5207, 56.8902

Rectangle

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



43.3561, 41.5207, 66.7019



47.3876, 41.5207, 49.1118



35.8124, 41.5207, 28.9137



32.4772, 41.5207, 41.5186

Sweetspot

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



43.3574, 41.5224, 66.7028



86.0502, 88.4009, 107.1355



48.5505, 54.8299, 68.9977



18.2171, 18.6629, 22.8921



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.



43.3574, 41.5224, 66.7028



61.7997, 57.5119, 102.4514



48.5050, 44.1761, 66.9437



11.3916, 11.5352, 14.8698



7.7966, 3.1996, 37.3991



0.5036, 0.2138, 2.0943

Inverse Universe

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



50.9410, 45.5578, 61.3686



75.9011, 65.0210, 92.2856



48.8221, 58.5755, 45.2941



12.2004, 11.9649, 14.3311



20.4515, 10.0534, 23.0813



1.1708, 0.5730, 1.4341

Previews

White Background



This preview shows how the XYZ color 43.3561, 41.5207, 66.7019 looks on a white background.

Color Contrast Check

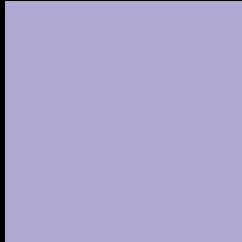
Large Text (above 18pt) WCAG AA × Fail

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 43.3561, 41.5207, 66.7019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

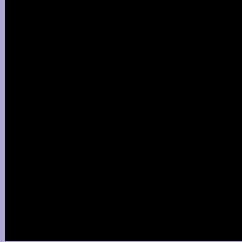
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3561, 41.5207, 66.7019

Background



This preview shows how black text looks on a background with the XYZ color 43.3561, 41.5207, 66.7019.



This preview shows how white text looks on a background with the XYZ color 43.3561, 41.5207,

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

43.3561, 41.5207, 66.7019

Protanopia

41.6774, 41.7164, 68.8062

Deuteranopia

42.6154, 41.6870, 66.7731



Tritanopia

40.3331, 41.3993, 51.7640

Trichromacy



Original Color

43.3561, 41.5207, 66.7019

Protanomaly

42.4068, 41.8277, 68.1258

Deuteranomaly

42.8691, 41.5426, 66.7319

Tritanomaly

41.3459, 41.5287, 56.8756

Monochromacy



Original Color

43.3561, 41.5207, 66.7019

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.5088, 42.2498, 53.5442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3561, 41.5207, 66.7019 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(176, 167, 210)` looks like.

```
.text, #text, p{  
    color:rgb(176, 167, 210)  
}
```

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(176, 167, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 167, 210) }
```

Border

The CSS property to change the border of an element to XYZ 43.3561, 41.5207, 66.7019 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(176, 167, 210) }
```


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

```
.border{ border-color:rgb(176, 167, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 167, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 167, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 167, 210);  
box-shadow:4px 4px 4px 4px rgb(176, 167,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3561, 41.5207, 66.7019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 167, 210) }
```

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

```
.background{ background-color: rgb(176,  
167, 210) }
```

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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