

Converting Colors

XYZ(45.9880, 41.4926, 65.8211)

Have a look what the booklet for
XYZ(45.9880, 41.4926, 65.8211)
contains.

XYZ(46.1672, 41.6506, 65.9277)	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(46.1672, 41.6506,
65.9277)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A2D1
RGB	192, 162, 209
RGB Percent	75%, 64%, 82%
CMY	0.2471, 0.3647, 0.1804
CMYK	0.08, 0.22, 0.00, 0.18
HSL	278°, 34%, 73%
HSV	278°, 22%, 82%
XYZ	46.1672, 41.6506, 65.9277
YIQ	176.3280, 2.7930, 20.9770

Conversions

Conversions Part 2

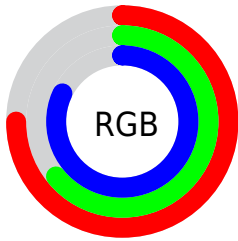
Format	Color
R_{YB}	192, 162, 209
Decimal	12624593
CIE _{Lab}	70.63, 19.64, -19.84
CIE _{LCh}	71, 27.913, 314.706
Yxy	41.6506, 0.3003, 0.2709
Android (android.graphics.Color)	4290814673 (0xFFC0A2D1)
YUV	176.3280, 16.1073, 13.7443
Hunter-Lab	64.5373, 14.7510, -15.3913

Details

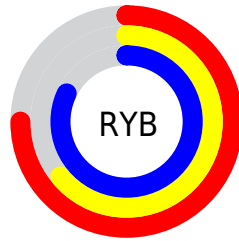
The XYZ color **46.1672, 41.6506, 65.9277** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.9139, 57.7943, 42.8145**, and the grayscale version is **41.3566, 43.5104, 47.3828**.

A 20% lighter version of the original color is **81.9298, 76.9854, 105.1493**, and **21.8899, 18.8882, 33.0639** is the 20% darker color. If you saturate the color by 10%, you get **40.9222, 33.9290, 64.7144**, and if you desaturate by 10%, it is **52.1250, 50.6501, 67.3514**.

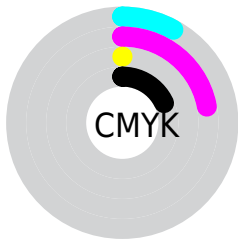
Distribution



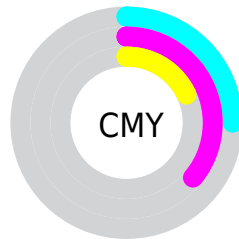
- Red (75%)
- Green (64%)
- Blue (82%)



- Red (75%)
- Yellow (64%)
- Blue (82%)



- Cyan (8%)
- Magenta (22%)
- Yellow (0%)
- Black (18%)



- Cyan (25%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1672, 41.6506, 65.9277 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 46.1672, 41.6506, 65.9277 by changing the saturation by 10% instead.

■ 46.1672, 41.6506,
65.9277

■ 46.1672, 41.6506,
65.9277

362.1851,
353.0325, 464.5154

■ 32.5830, 28.8278,
47.7576

■ 83.6955, 77.6705,
115.0086

■ 21.9649, 18.9506,
33.2763

■ 108.3703,
101.6365, 146.7564

■ 13.9475, 11.6346,
22.0654

137.4726,
130.0856, 183.8673

■ 8.1656, 6.4954,
13.7062

171.3679,
163.4023, 226.7597

■ 4.2538, 3.1486,
7.7802

210.4214,
201.9709, 275.8521

■ 1.8467, 1.2098,
3.8689

254.9985,

■ 0.5456, 0.0697,

246.1759, 331.5632

1.5537

305.4647,
296.4016, 394.3115

■ 0.0000, 0.0000,
0.2574

■ 0.0000, 0.0000,
0.0000

■ 46.1672, 41.6506,
65.9277

■ 46.1672, 41.6506,
65.9277

■ 40.9222, 33.9290,
64.7144

■ 52.1250, 50.6501,
67.3514

■ 36.3544, 27.4189,
63.6985

■ 58.8212, 60.9792,
68.9922

■ 32.4309, 22.0556,
62.8701

■ 66.2850, 72.6932,
70.8598

■ 29.1140, 17.7664,
62.2170

■ 74.5425, 85.8425,
72.9627

26.3619, 14.4697,
61.7258

79.8380, 92.9136,
74.0484

24.1267, 12.0722,
61.3808

82.3143, 94.1902,
74.1643

22.3510, 10.4615,
61.1635

84.8972, 95.5217,
74.2852

21.2453, 9.6229,
61.0599

87.5878, 96.9087,
74.4111

88.5087, 97.3835,
74.4542

Harmonies

Analogous

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



41.8844, 41.6506, 74.6566



46.1672, 41.6506, 65.9277



48.7835, 41.6506, 52.3931

Triad

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



46.1672, 41.6506, 65.9277



41.9759, 41.6506, 24.9805



31.6064, 41.6506, 52.1161

Complementary

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



46.1672, 41.6506, 65.9277



47.9139, 57.7943, 42.8145

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.



31.6267, 41.6506, 38.9690



46.1672, 41.6506, 65.9277



37.3764, 41.6506, 24.9351

Square

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



46.1672, 41.6506, 65.9277



46.2386, 41.6506, 29.7126



33.6649, 41.6506, 29.5736



33.6071, 41.6506, 65.6912

Rectangle

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



46.1672, 41.6506, 65.9277



49.1112, 41.6506, 43.2962



33.6649, 41.6506, 29.5736



31.3824, 41.6506, 47.4686

Sweetspot

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



46.1685, 41.6524, 65.9286



87.2820, 87.9312, 106.9799



42.5774, 44.6204, 66.6908



18.5446, 18.6090, 22.8644



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.



46.1685, 41.6524, 65.9286



68.3045, 59.2400, 102.4422



49.9638, 43.6968, 62.1353



11.8788, 11.7864, 14.8926



13.2104, 5.9905, 37.6525



0.8238, 0.3789, 2.1093

Inverse Universe

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



47.3529, 42.6524, 48.3867



70.5952, 61.1469, 69.7452



44.7950, 56.1205, 45.6495



11.9829, 11.8779, 13.1859



17.0514, 8.6934, 5.1767



0.9910, 0.5011, 0.4874

Previews

White Background



This preview shows how the XYZ color 46.1672, 41.6506, 65.9277 looks on a white background.

Color Contrast Check

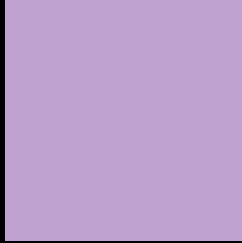
Large Text (above 18pt) WCAG AA × Fail

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 46.1672, 41.6506, 65.9277 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 46.1672, 41.6506, 65.9277

Background



This preview shows how black text looks on a background with the XYZ color 46.1672, 41.6506, 65.9277.



This preview shows how white text looks on a background with the XYZ color 46.1672, 41.6506,

65.9277.

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

46.1672, 41.6506, 65.9277

Protanopia

41.7289, 41.7135, 70.1421

Deuteranopia

42.8067, 41.8142, 65.4893



Tritanopia

42.7960, 41.6241, 48.9587

Trichromacy



Original Color

46.1672, 41.6506, 65.9277

Protanomaly

43.2465, 41.6936, 68.7191

Deuteranomaly

43.8438, 41.5298, 65.3797

Tritanomaly

43.8454, 41.4907, 54.9878

Monochromacy



Original Color

46.1672, 41.6506, 65.9277

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.9314, 42.7017, 53.5565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1672, 41.6506, 65.9277 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(192, 162, 209)` looks like.

```
.text, #text, p{  
    color:rgb(192, 162, 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(192, 162, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 162, 209) }
```

Border

The CSS property to change the border of an element to XYZ 46.1672, 41.6506, 65.9277 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(192, 162, 209) }
```


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

```
.border{ border-color:rgb(192, 162, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 162, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 162, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 162, 209);  
box-shadow:4px 4px 4px 4px rgb(192, 162,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1672, 41.6506, 65.9277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 162, 209) }
```

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

```
.background{ background-color: rgb(192,  
162, 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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