

Converting Colors

XYZ(43.1630, 35.3409, 65.9991)

Have a look what the booklet for
XYZ(43.1630, 35.3409, 65.9991)
contains.

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Color

**XYZ(43.1691, 35.2556,
66.1578)**

Conversions

Conversions Part 1

Format	Color
Hex	C08ED3
RGB	192, 142, 211
RGB Percent	75%, 56%, 83%
CMY	0.2471, 0.4431, 0.1725
CMYK	0.09, 0.33, 0.00, 0.17
HSL	283°, 44%, 69%
HSV	283°, 33%, 83%
XYZ	43.1691, 35.2556, 66.1578
YIQ	164.8160, 7.6510, 32.0590

Conversions

Conversions Part 2

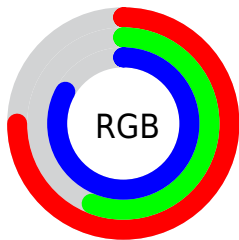
Format	Color
R_{YB}	192, 142, 211
Decimal	12619475
CIE _{Lab}	65.95, 31.12, -28.11
CIE _{LCh}	66, 41.934, 317.910
Yxy	35.2556, 0.2986, 0.2438
Android (android.graphics.Color)	4290809555 (0xFFC08ED3)
YUV	164.8160, 22.7687, 23.8404
Hunter-Lab	59.3764, 25.8681, -24.4980

Details

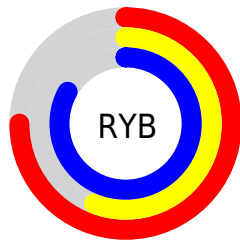
The XYZ color **43.1691, 35.2556, 66.1578** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.8758, 56.1195, 34.1651**, and the grayscale version is **35.5689, 37.4212, 40.7517**.

A 20% lighter version of the original color is **76.8568, 66.8396, 103.4583**, and **20.2231, 15.2857, 33.3371** is the 20% darker color. If you saturate the color by 10%, you get **38.8800, 28.8177, 65.1418**, and if you desaturate by 10%, it is **48.1128, 42.9148, 67.3762**.

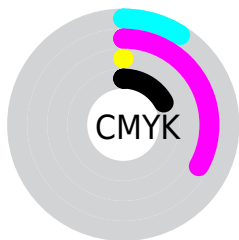
Distribution



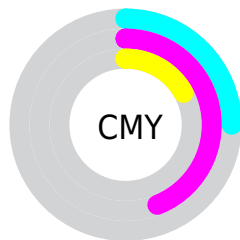
- Red (75%)
- Green (56%)
- Blue (83%)



- Red (75%)
- Yellow (56%)
- Blue (83%)



- Cyan (9%)
- Magenta (33%)
- Yellow (0%)
- Black (17%)





- Cyan (25%)
- Magenta (44%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1691, 35.2556, 66.1578 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 43.1691, 35.2556, 66.1578 by changing the saturation by 10% instead.


 43.1691, 35.2556,
66.1578

 43.1691, 35.2556,
66.1578

350.2165,
325.6951, 465.3606


 30.2129, 23.8598,
47.9432


 79.2201, 67.8815,
115.3419

 20.1491, 15.2297,
33.4223

 103.0456, 89.8805,
147.1486

 12.6124, 8.9807,
22.1764


 131.2250,
116.1827, 184.3230

 7.2373, 4.7286,
13.7870

164.1235,
147.1724, 227.2838

 3.6586, 2.0889,
7.8356

202.1065,
183.2341, 276.4493

 1.5109, 0.6584,
3.9037

245.5395,

 0.3332, 0.0000,

224.7522, 332.2383

1.5726

294.7877,
272.1111, 395.0692

■ 0.0000, 0.0000,
0.2712

■ 0.0000, 0.0000,
0.0000

■ 43.1691, 35.2556,
66.1578

■ 43.1691, 35.2556,
66.1578

■ 38.8800, 28.8177,
65.1418

■ 48.1128, 42.9148,
67.3762

■ 35.2077, 23.5291,
64.3145

■ 53.7393, 51.8531,
68.8049

■ 32.1158, 19.3169,
63.6644

■ 60.0791, 62.1300,
70.4544

■ 29.5621, 16.0981,
63.1777

■ 67.1600, 73.7999,
72.3337

■ 27.4984, 13.7770,
62.8385

■ 75.0080, 86.9141,
74.4513

■ 25.8667, 12.2386,
62.6276

■ 79.1533, 92.5318,
75.3172

■ 24.8758, 11.4657,
62.5306

■ 81.0156, 93.4918,
75.4043

■ 82.9403, 94.4841,
75.4944

■ 84.9280, 95.5088,
75.5874

Harmonies

Analogous

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



37.3152, 35.2556, 80.9602



43.1691, 35.2556, 66.1578



46.5863, 35.2556, 46.0003

Triad

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



43.1691, 35.2556, 66.1578



36.0717, 35.2556, 13.7269



23.3878, 35.2556, 49.8870

Complementary

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



43.1691, 35.2556, 66.1578



42.8758, 56.1195, 34.1651

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.



23.1419, 35.2556, 31.6644



43.1691, 35.2556, 66.1578



29.9716, 35.2556, 14.1845

Square

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



43.1691, 35.2556, 66.1578



42.1625, 35.2556, 18.1993



25.4102, 35.2556, 19.7325



26.1294, 35.2556, 69.7485

Rectangle

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



43.1691, 35.2556, 66.1578



46.7748, 35.2556, 33.8731



25.4102, 35.2556, 19.7325



23.0240, 35.2556, 43.2859

Sweetspot

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



43.1703, 35.2571, 66.1586



84.9116, 83.4882, 106.2473



35.7558, 36.1378, 66.7194



17.8892, 17.4101, 22.6676



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.



43.1703, 35.2571, 66.1586



61.7361, 47.2773, 100.4793



46.5075, 37.1841, 56.9814



11.9802, 11.8386, 14.8973



15.1158, 6.9728, 37.7417



0.9196, 0.4282, 2.1138

Inverse Universe

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



42.9711, 35.7695, 38.3591



61.5935, 48.3024, 50.8411



40.5323, 54.7728, 40.3134



11.9406, 11.8610, 12.9629



16.7123, 8.5578, 3.3914



0.9683, 0.4920, 0.3677

Previews

White Background



This preview shows how the XYZ color 43.1691, 35.2556, 66.1578 looks on a white background.

Color Contrast Check

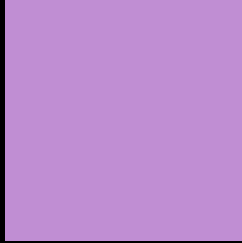
Large Text (above 18pt) WCAG AA × Fail

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 43.1691, 35.2556, 66.1578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

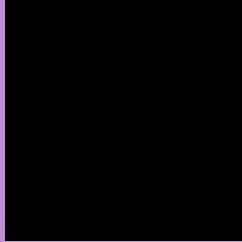
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1691, 35.2556, 66.1578

Background



This preview shows how black text looks on a background with the XYZ color 43.1691, 35.2556, 66.1578.



This preview shows how white text looks on a background with the XYZ color 43.1691, 35.2556,

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

43.1691, 35.2556, 66.1578

Protanopia

36.5306, 35.4442, 74.7281

Deuteranopia

36.3745, 35.5871, 64.6264



Tritanopia

37.6851, 35.0918, 39.4375

Trichromacy



Original Color

43.1691, 35.2556, 66.1578

Protanomaly

38.5116, 35.0445, 71.7523

Deuteranomaly

38.4627, 35.1669, 65.0823

Tritanomaly

39.5672, 35.1665, 47.8824

Monochromacy



Original Color

43.1691, 35.2556, 66.1578

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

38.1797, 36.6053, 49.3092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1691, 35.2556, 66.1578 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, 142, 211)` looks like.

```
.text, #text, p{  
    color:rgb(192, 142, 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(192, 142, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 142, 211) }
```

Border

The CSS property to change the border of an element to XYZ 43.1691, 35.2556, 66.1578 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, 142, 211) }
```


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

```
.border{ border-color:rgb(192, 142, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 142, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 142, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 142, 211);  
box-shadow:4px 4px 4px 4px rgb(192, 142,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1691, 35.2556, 66.1578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 142, 211) }
```

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

```
.background{ background-color: rgb(192,  
142, 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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