

Converting Colors

XYZ(43.4488, 46.0089, 66.9783)

Have a look what the booklet for
XYZ(43.4488, 46.0089, 66.9783)
contains.

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Color

**XYZ(43.3408, 45.8459,
66.8864)**

Conversions

Conversions Part 1

Format	Color
Hex	A3B6D1
RGB	163, 182, 209
RGB Percent	64%, 71%, 82%
CMY	0.3608, 0.2863, 0.1804
CMYK	0.22, 0.13, 0.00, 0.18
HSL	215°, 33%, 73%
HSV	215°, 22%, 82%
XYZ	43.3408, 45.8459, 66.8864
YIQ	179.3970, -19.9910, 4.3690

Conversions

Conversions Part 2

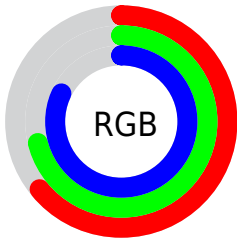
Format	Color
RYB	163, 176, 209
Decimal	10729169
CIELab	73.45, -0.69, -15.80
CIELCh	73, 15.815, 267.491
Yxy	45.8459, 0.2777, 0.2937
Android (android.graphics.Color)	4288919249 (0xFFA3B6D1)
YUV	179.3970, 14.5943, -14.3802
Hunter-Lab	67.7096, -4.2343, -11.1724

Details

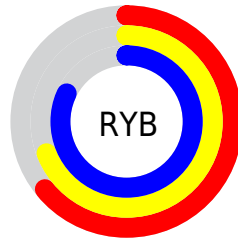
The XYZ color **43.3408, 45.8459, 66.8864** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.3192, 53.0265, 42.1817**, and the grayscale version is **42.9928, 45.2318, 49.2574**.

A 20% lighter version of the original color is **77.5380, 83.2745, 106.5946**, and **20.3222, 21.4466, 34.0789** is the 20% darker color. If you saturate the color by 10%, you get **37.0072, 39.0144, 65.9024**, and if you desaturate by 10%, it is **50.6045, 53.4858, 67.9790**.

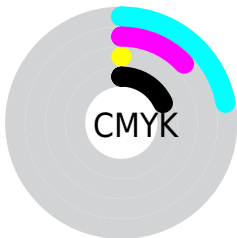
Distribution



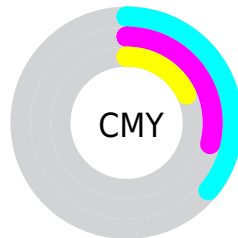
- Red (64%)
- Green (71%)
- Blue (82%)



- Red (64%)
- Yellow (69%)
- Blue (82%)



- Cyan (22%)
- Magenta (13%)
- Yellow (0%)
- Black (18%)



- Cyan (36%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3408, 45.8459, 66.8864 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 43.3408, 45.8459, 66.8864 by changing the saturation by 10% instead.

■ 43.3408, 45.8459,
66.8864

■ 43.3408, 45.8459,
66.8864

350.9092,
370.1888, 468.0308

■ 30.3483, 32.1242,
48.5313

■ 79.4774, 83.9883,
116.3967

■ 20.2525, 21.4564,
33.8848

■ 103.3522,
109.1779, 148.3890

■ 12.6880, 13.4580,
22.5285

131.5851,
138.9588, 185.7641

■ 7.2896, 7.7447,
14.0437

164.5415,
173.7156, 228.9406

■ 3.6918, 3.9320,
8.0120

202.5868,
213.8326, 278.3370

■ 1.5293, 1.6356,
4.0147

246.0863,

■ 0.3456, 0.3814,

259.6942, 334.3717

1.6334

295.4053,
311.6848, 397.4635

■ 0.0000, 0.0000,
0.3145

■ 0.0000, 0.0000,
0.0000

■ 43.3408, 45.8459,
66.8864

■ 43.3408, 45.8459,
66.8864

■ 37.0072, 39.0144,
65.9024

■ 50.6045, 53.4858,
67.9790

■ 31.5591, 32.9567,
65.0203

■ 58.8319, 61.9561,
69.1803

■ 26.9544, 27.6434,
64.2374

■ 68.0598, 71.2846,
70.4945

■ 23.1458, 23.0412,
63.5498

■ 78.3220, 81.4963,
71.9247

■ 20.0805, 19.1132,
62.9532

■ 84.9001, 90.1661,
73.2514

■ 17.6989, 15.8188,
62.4428

■ 88.5088, 97.3835,
74.4543

■ 15.9302, 13.1110,
62.0134

■ 14.8635, 11.3130,
61.7225

Harmonies

Analogous

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



40.7563, 45.8459, 64.0215



43.3408, 45.8459, 66.8864



46.0976, 45.8459, 64.8184

Triad

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



43.3408, 45.8459, 66.8864



48.5072, 45.8459, 43.1597



39.2077, 45.8459, 42.1114

Complementary

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



43.3408, 45.8459, 66.8864



51.3192, 53.0265, 42.1817

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.



41.1465, 45.8459, 37.4969



43.3408, 45.8459, 66.8864



46.5210, 45.8459, 38.0553

Square

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



43.3408, 45.8459, 66.8864



49.1548, 45.8459, 50.5938



43.8103, 45.8459, 36.0941



38.4345, 45.8459, 49.2490

Rectangle

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



43.3408, 45.8459, 66.8864



47.6488, 45.8459, 61.0311



43.8103, 45.8459, 36.0941



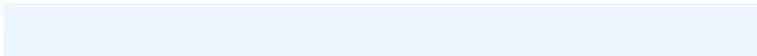
39.7406, 45.8459, 40.2438

Sweetspot

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



43.3422, 45.8478, 66.8874



85.5336, 90.2673, 107.5230



47.1816, 57.0987, 57.1550



18.1399, 19.1480, 22.9898



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.



43.3422, 45.8478, 66.8874



63.5403, 67.1573, 104.2215



40.5079, 38.9962, 65.7143



11.5591, 12.2084, 14.9909



9.2563, 7.1593, 38.0865



0.5950, 0.5551, 2.1554

Inverse Universe

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



47.8363, 43.1282, 50.0614



71.7792, 62.4887, 73.3037



54.6350, 61.2489, 43.5940



12.0083, 11.8881, 13.3197



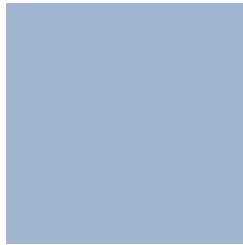
17.3029, 8.7940, 6.5012



1.0065, 0.5073, 0.5692

Previews

White Background



This preview shows how the XYZ color 43.3408, 45.8459, 66.8864 looks on a white background.

Color Contrast Check

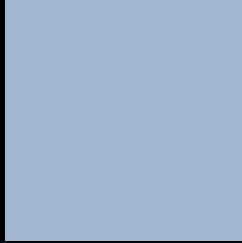
Large Text (above 18pt) WCAG AA × Fail

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 43.3408, 45.8459, 66.8864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

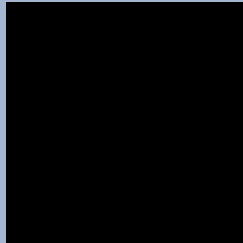
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3408, 45.8459, 66.8864

Background



This preview shows how black text looks on a background with the XYZ color 43.3408, 45.8459, 66.8864.



This preview shows how white text looks on a background with the XYZ color 43.3408, 45.8459,

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

43.3408, 45.8459, 66.8864

Protanopia

45.0618, 45.8592, 65.5082

Deuteranopia

46.6866, 45.7711, 67.3468



Tritanopia

42.0315, 45.9353, 60.0772

Trichromacy



Original Color

43.3408, 45.8459, 66.8864

Protanomaly

44.5010, 45.8545, 66.1799

Deuteranomaly

45.4577, 45.7240, 67.4025

Tritanomaly

42.4944, 45.8126, 62.4801

Monochromacy



Original Color

43.3408, 45.8459, 66.8864

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.8491, 45.2445, 55.1899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3408, 45.8459, 66.8864 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(163, 182, 209)` looks like.

```
.text, #text, p{  
    color:rgb(163, 182, 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(163, 182, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 182, 209) }
```

Border

The CSS property to change the border of an element to XYZ 43.3408, 45.8459, 66.8864 is called "border". The border property can be set on classes, ids or directly on the HTML element.

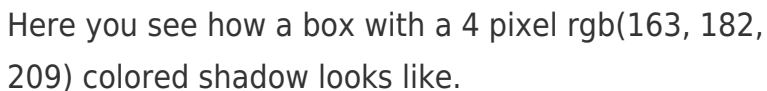
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 182, 209) }
```


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

```
.border{ border-color:rgb(163, 182, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 182, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 182, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 182, 209); box-shadow:4px 4px 4px 4px rgb(163, 182, 209) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3408, 45.8459, 66.8864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 182, 209) }
```

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

```
.background{ background-color: rgb(163,  
182, 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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