

Converting Colors

XYZ(44.5806, 46.1031, 63.3613)

Have a look what the booklet for
XYZ(44.5806, 46.1031, 63.3613)
contains.

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Color

**XYZ(44.4539, 45.8864,
63.6407)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB4CC
RGB	173, 180, 204
RGB Percent	68%, 71%, 80%
CMY	0.3216, 0.2941, 0.2000
CMYK	0.15, 0.12, 0.00, 0.20
HSL	226°, 23%, 74%
HSV	226°, 15%, 80%
XYZ	44.4539, 45.8864, 63.6407
YIQ	180.6430, -11.8760, 5.9800

Conversions

Conversions Part 2

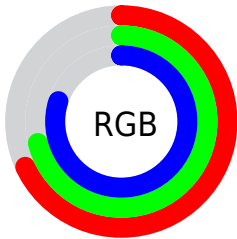
Format	Color
R_{YB}	173, 179, 204
Decimal	11384012
CIE _{Lab}	73.47, 2.46, -12.96
CIE _{LCh}	73, 13.190, 280.753
Yxy	45.8864, 0.2887, 0.2980
Android (android.graphics.Color)	4289574092 (0xFFADB4CC)
YUV	180.6430, 11.5150, -6.7029
Hunter-Lab	67.7395, -1.4039, -8.2848

Details

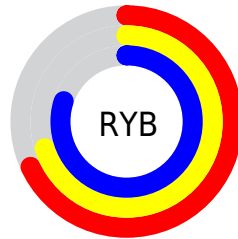
The XYZ color **44.4539, 45.8864, 63.6407** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4111, 55.7867, 47.5416**, and the grayscale version is **43.6739, 45.9483, 50.0377**.

A 20% lighter version of the original color is **80.3586, 83.8689, 106.5607**, and **20.8401, 21.3738, 31.8813** is the 20% darker color. If you saturate the color by 10%, you get **37.2745, 37.7202, 62.4436**, and if you desaturate by 10%, it is **52.6881, 55.1380, 64.9932**.

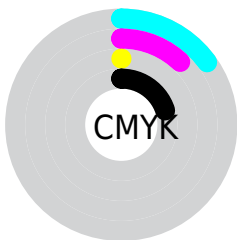
Distribution



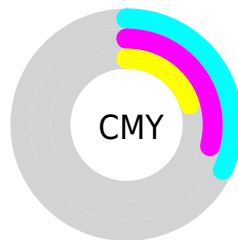
- Red (68%)
- Green (71%)
- Blue (80%)



- Red (68%)
- Yellow (70%)
- Blue (80%)



- Cyan (15%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (32%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4539, 45.8864, 63.6407 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 44.4539, 45.8864, 63.6407 by changing the saturation by 10% instead.

■ 44.4539, 45.8864,
63.6407

■ 44.4539, 45.8864,
63.6407

355.3783,
370.3518, 456.0628

■ 31.2269, 32.1562,
45.9154

■ 81.1424, 84.0490,
111.6878

■ 20.9244, 21.4808,
31.8309

105.3347,
109.2501, 142.8467

■ 13.1809, 13.4759,
20.9686

133.9129,
139.0437, 179.3205

■ 7.6311, 7.7571,
12.9100

167.2422,
173.8141, 221.5279

■ 3.9096, 3.9399,
7.2366

205.6880,
213.9457, 269.8872

■ 1.6511, 1.6400,
3.5298

249.6158,

■ 0.4254, 0.3843,

259.8229, 324.8171

1.3711

299.3907,
311.8301, 386.7361

■ 0.0000, 0.0000,
0.1190

■ 0.0000, 0.0000,
0.0000

■ 44.4539, 45.8864,
63.6407

■ 44.4539, 45.8864,
63.6407

■ 37.2745, 37.7202,
62.4436

■ 52.6881, 55.1380,
64.9932

■ 31.1024, 30.5933,
61.3933

■ 62.0137, 65.5074,
66.5032

■ 25.8928, 24.4648,
60.4849

■ 72.4705, 77.0327,
68.1766

■ 21.5955, 19.2887,
59.7123

■ 84.0952, 89.7486,
70.0184

■ 18.1558, 15.0152,
59.0688

■ 87.8992, 97.1397,
71.2445

■ 15.5128, 11.5899,
58.5469

■ 13.5970, 8.9518,
58.1387

■ 12.3257, 7.0305,
57.8348

■ 11.8794, 6.3200,
57.7212

Harmonies

Analogous

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



42.1551, 45.8864, 63.0651



44.4539, 45.8864, 63.6407



46.6006, 45.8864, 60.3134

Triad

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



44.4539, 45.8864, 63.6407



47.0922, 45.8864, 42.0545



39.5238, 45.8864, 45.8558

Complementary

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



44.4539, 45.8864, 63.6407



52.4111, 55.7867, 47.5416

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.



40.7571, 45.8864, 40.8693



44.4539, 45.8864, 63.6407



45.1055, 45.8864, 38.8133

Square

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



44.4539, 45.8864, 63.6407



48.1594, 45.8864, 47.6093



42.7840, 45.8864, 38.3996



39.3633, 45.8864, 52.3920

Rectangle

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



44.4539, 45.8864, 63.6407



47.6358, 45.8864, 56.4893



42.7840, 45.8864, 38.3996



39.8245, 45.8864, 43.9588

Sweetspot

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



44.4553, 45.8883, 63.6417



87.4456, 91.5250, 107.6650



48.8786, 56.0913, 60.9345



18.4962, 19.3434, 23.0087



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.



44.4553, 45.8883, 63.6417



69.8266, 71.6975, 104.7665



44.9622, 44.1037, 63.2706



10.8039, 11.2483, 14.1721



7.5354, 4.0947, 36.3495



0.4477, 0.3291, 1.8949

Inverse Universe

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



48.0847, 46.0208, 49.5308



76.9129, 72.0492, 77.1945



51.8321, 57.9037, 47.9808



11.3144, 11.2545, 12.1902



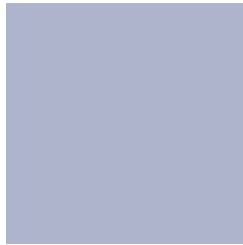
16.0144, 8.2164, 2.5286



0.8559, 0.4358, 0.2871

Previews

White Background



This preview shows how the XYZ color 44.4539, 45.8864, 63.6407 looks on a white background.

Color Contrast Check

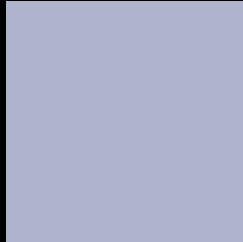
Large Text (above 18pt) WCAG AA × Fail

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 44.4539, 45.8864, 63.6407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

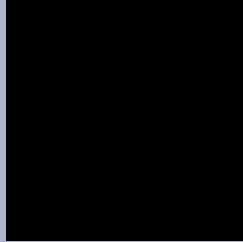
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4539, 45.8864, 63.6407

Background



This preview shows how black text looks on a background with the XYZ color 44.4539, 45.8864, 63.6407.



This preview shows how white text looks on a background with the XYZ color 44.4539, 45.8864,

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

44.4539, 45.8864, 63.6407

Protanopia

45.0311, 45.8991, 62.9859

Deuteranopia

46.7945, 45.8975, 64.1504



Tritanopia

43.5009, 45.8039, 58.7728

Trichromacy



Original Color

44.4539, 45.8864, 63.6407

Protanomaly

44.8041, 45.7821, 62.9753

Deuteranomaly

45.7976, 45.6758, 64.1601

Tritanomaly

43.8459, 45.9419, 60.5896

Monochromacy



Original Color

44.4539, 45.8864, 63.6407

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.0693, 46.1868, 54.7364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4539, 45.8864, 63.6407 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(173, 180, 204)` looks like.

```
.text, #text, p{  
    color:rgb(173, 180, 204)  
}
```

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(173, 180, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 180, 204) }
```

Border

The CSS property to change the border of an element to XYZ 44.4539, 45.8864, 63.6407 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(173, 180, 204) }
```


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

```
.border{ border-color:rgb(173, 180, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 180, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 180, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 180, 204);  
box-shadow:4px 4px 4px 4px rgb(173, 180,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4539, 45.8864, 63.6407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 180, 204) }
```

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

```
.background{ background-color: rgb(173,  
180, 204) }
```

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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