

Converting Colors

XYZ(43.1638, 48.3512, 60.2724)

Have a look what the booklet for
XYZ(43.1638, 48.3512, 60.2724)
contains.

XYZ(43.3044, 48.4812, 60.5015)	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(43.3044, 48.4812,
60.5015)**

Conversions

Conversions Part 1

Format	Color
Hex	A1BEC6
RGB	161, 190, 198
RGB Percent	63%, 75%, 78%
CMY	0.3686, 0.2549, 0.2235
CMYK	0.19, 0.04, 0.00, 0.22
HSL	193°, 25%, 70%
HSV	193°, 19%, 78%
XYZ	43.3044, 48.4812, 60.5015
YIQ	182.2410, -19.8520, -3.6600

Conversions

Conversions Part 2

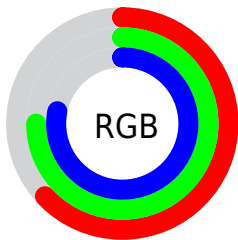
Format	Color
R _Y B	161, 177, 198
Decimal	10600134
CIE Lab	75.13, -8.05, -7.31
CIE LCh	75, 10.872, 222.233
Yxy	48.4812, 0.2844, 0.3184
Android (android.graphics.Color)	4288790214 (0xFFA1BEC6)
YUV	182.2410, 7.7692, -18.6284
Hunter-Lab	69.6284, -10.8343, -2.7783

Details

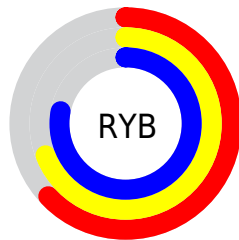
The XYZ color **43.3044, 48.4812, 60.5015** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.9100, 42.9548, 39.6958**, and the grayscale version is **44.5626, 46.8833, 51.0559**.

A 20% lighter version of the original color is **79.3247, 87.7305, 107.3606**, and **20.2864, 23.1561, 29.7859** is the 20% darker color. If you saturate the color by 10%, you get **38.7129, 44.7595, 60.0259**, and if you desaturate by 10%, it is **48.5578, 52.5871, 61.0179**.

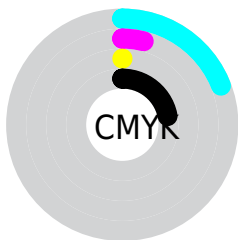
Distribution



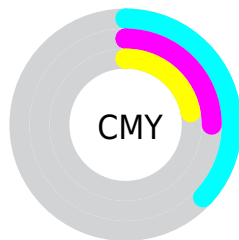
- Red (63%)
- Green (75%)
- Blue (78%)



- Red (63%)
- Yellow (69%)
- Blue (78%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (37%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3044, 48.4812, 60.5015 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 43.3044, 48.4812, 60.5015 by changing the saturation by 10% instead.

■ 43.3044, 48.4812,
60.5015

■ 43.3044, 48.4812,
60.5015

350.7624,
380.6963, 444.2997

■ 30.3196, 34.2081,
43.3950

■ 79.4229, 87.9204,
107.1073

■ 20.2306, 23.0535,
29.8615

■ 103.2872,
113.8554, 137.4437

■ 12.6720, 14.6330,
19.4823

131.5088,
144.4464, 173.0272

■ 7.2785, 8.5622,
11.8390

164.4529,
180.0779, 214.2763

■ 3.6848, 4.4568,
6.5129

202.4850,
221.1342, 261.6096

■ 1.5254, 1.9322,
3.0856

245.9704,

■ 0.3430, 0.5676,

267.9998, 315.4455

1.1385

295.2744,
321.0590, 376.2027

■ 0.0000, 0.0000,
0.0000

■ 43.3044, 48.4812,
60.5015

■ 43.3044, 48.4812,
60.5015

■ 38.7129, 44.7595,
60.0259

■ 48.5578, 52.5871,
61.0179

■ 34.7492, 41.4002,
59.5864

■ 54.4969, 57.0859,
61.5733

■ 31.3824, 38.3883,
59.1825

■ 61.1492, 61.9936,
62.1699

■ 28.5772, 35.7054,
58.8125

■ 68.5397, 67.3232,
62.8091

■ 26.2946, 33.3308,
58.4745

■ 74.8276, 72.1261,
63.4047

■ 24.4901, 31.2415,
58.1663

■ 75.9077, 74.2863,
63.7648

■ 23.1118, 29.4101,
57.8855

■ 77.0164, 76.5037,
64.1343

■ 22.0751, 27.7927,
57.6279

■ 78.1538, 78.7785,
64.5135

■ 21.9486, 27.5880,
57.5951

■ 79.3202, 81.1113,
64.9023

Harmonies

Analogous

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



42.4406, 48.4812, 55.1439



43.3044, 48.4812, 60.5015



44.9221, 48.4812, 63.9266

Triad

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



43.3044, 48.4812, 60.5015



49.8208, 48.4812, 56.2030



45.2739, 48.4812, 42.7859

Complementary

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



43.3044, 48.4812, 60.5015



43.9100, 42.9548, 39.6958

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.



47.2575, 48.4812, 43.0244



43.3044, 48.4812, 60.5015



49.9216, 48.4812, 50.4997

Square

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



43.3044, 48.4812, 60.5015



48.7000, 48.4812, 61.3247



48.9716, 48.4812, 45.7593



43.5556, 48.4812, 45.0824

Rectangle

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



43.3044, 48.4812, 60.5015



46.2292, 48.4812, 64.5128



48.9716, 48.4812, 45.7593



45.9310, 48.4812, 42.5771

Sweetspot

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



43.3058, 48.4832, 60.5026



88.5975, 95.1209, 108.2983



41.9981, 50.8082, 44.8357



18.8191, 20.2495, 23.1666



0.0000, 0.0000, 0.0000



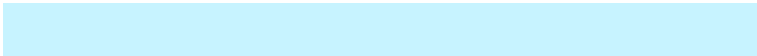
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.3058, 48.4832, 60.5026



73.5896, 83.3744, 106.8220



39.6634, 41.1983, 59.2884



10.7447, 11.6634, 13.6025



14.3382, 18.0703, 37.4766



0.7287, 0.9553, 1.7911

Inverse Universe

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



45.3289, 41.2142, 54.2836



77.7991, 68.5243, 93.8206



47.4716, 50.0781, 40.8830



10.9812, 10.7758, 12.8840



19.0366, 9.3642, 21.2004



0.9265, 0.4535, 1.1363

Previews

White Background



This preview shows how the XYZ color 43.3044, 48.4812, 60.5015 looks on a white background.

Color Contrast Check

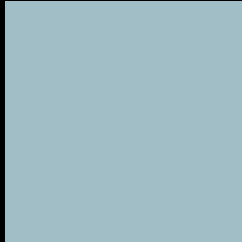
Large Text (above 18pt) WCAG AA × Fail

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 43.3044, 48.4812, 60.5015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

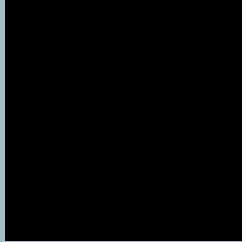
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3044, 48.4812, 60.5015

Background



This preview shows how black text looks on a background with the XYZ color 43.3044, 48.4812, 60.5015.



This preview shows how white text looks on a background with the XYZ color 43.3044, 48.4812,

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

43.3044, 48.4812, 60.5015

Protanopia

46.8857, 48.4903, 57.9274

Deuteranopia

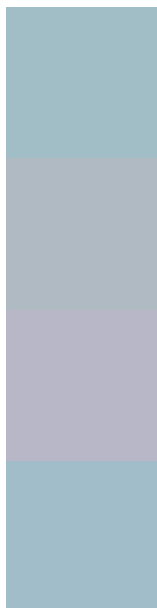
49.0511, 48.0124, 61.3256



Tritanopia

43.9970, 48.4362, 64.1570

Trichromacy



Original Color

43.3044, 48.4812, 60.5015

Protanomaly

45.3137, 48.2880, 58.5620

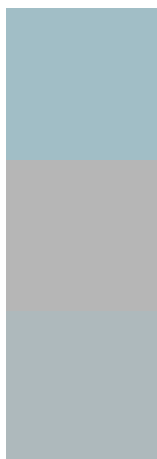
Deuteranomaly

46.7707, 48.0578, 60.8438

Tritanomaly

43.7586, 48.3408, 62.9015

Monochromacy



Original Color

43.3044, 48.4812, 60.5015

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.8816, 47.3274, 54.3993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3044, 48.4812, 60.5015 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(161, 190, 198)` looks like.

```
.text, #text, p{  
    color:rgb(161, 190, 198)  
}
```

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(161, 190, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 190, 198) }
```

Border

The CSS property to change the border of an element to XYZ 43.3044, 48.4812, 60.5015 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(161, 190, 198) }
```


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

```
.border{ border-color:rgb(161, 190, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 190, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 190, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 190, 198);  
box-shadow:4px 4px 4px 4px rgb(161, 190,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3044, 48.4812, 60.5015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 190, 198) }
```

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

```
.background{ background-color: rgb(161,  
190, 198) }
```

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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