

Converting Colors

XYZ(43.1424, 60.9614, 55.5646)

Have a look what the booklet for
XYZ(43.1424, 60.9614, 55.5646)
contains.

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Color

**XYZ(43.0204, 60.7360,
55.3548)**

Conversions

Conversions Part 1

Format	Color
Hex	77E0B9
RGB	119, 224, 185
RGB Percent	47%, 88%, 73%
CMY	0.5333, 0.1216, 0.2745
CMYK	0.47, 0.00, 0.17, 0.12
HSL	158°, 63%, 67%
HSV	158°, 47%, 88%
XYZ	43.0204, 60.7360, 55.3548
YIQ	188.1590, -50.0610, -34.3890

Conversions

Conversions Part 2

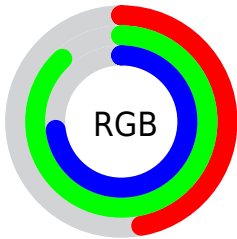
Format	Color
RYB	119, 183, 224
Decimal	7856313
CIELab	82.24, -39.54, 9.75
CIElCh	82, 40.721, 166.146
Yxy	60.7360, 0.2704, 0.3817
Android (android.graphics.Color)	4286046393 (0xFF77E0B9)
YUV	188.1590, -1.5574, -60.6524
Hunter-Lab	77.9333, -37.8485, 12.4406

Details

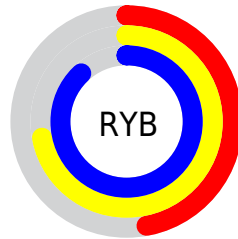
The XYZ color **43.0204, 60.7360, 55.3548** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **43.5109, 31.5112, 36.1392**, and the grayscale version is **47.9207, 50.4163, 54.9034**.

A 20% lighter version of the original color is **69.5417, 87.1010, 96.3660**, and **20.0310, 30.6319, 26.6866** is the 20% darker color. If you saturate the color by 10%, you get **39.4483, 58.9947, 50.7366**, and if you desaturate by 10%, it is **47.3717, 62.8762, 60.2805**.

Distribution



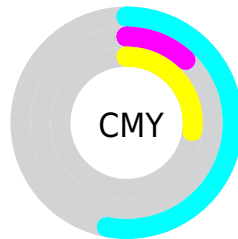
- Red (47%)
- Green (88%)
- Blue (73%)



- Red (47%)
- Yellow (72%)
- Blue (88%)



- Cyan (47%)
- Magenta (0%)
- Yellow (17%)
- Black (12%)





- Cyan (53%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0204, 60.7360, 55.3548 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 43.0204, 60.7360, 55.3548 by changing the saturation by 10% instead.


 43.0204, 60.7360,
55.3548


 43.0204, 60.7360,
55.3548


349.6157,
427.3054, 424.5752


 30.0957, 44.0121,
39.2853


 78.9972, 105.8966,
99.5370

 20.0597, 30.6801,
26.6722


 102.7800,
135.1021, 128.4867

 12.5469, 20.3553,
17.0970


 130.9128,
169.2370, 162.5670

 7.1922, 12.6536,
10.1410

163.7611,
208.6856, 202.1964

 3.6300, 7.1905,
5.3857

201.6902,
253.8324, 247.7934

 1.4950, 3.5815,
2.4126

245.0654,

 0.3224, 1.4423,

305.0616, 299.7765

0.7933

294.2522,
362.7578, 358.5642

■ 0.0000, 0.2476,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.0204, 60.7360,
55.3548

■ 43.0204, 60.7360,
55.3548

■ 39.4483, 58.9947,
50.7366

■ 47.3717, 62.8762,
60.2805

■ 36.5979, 57.6179,
46.4148


■ 52.5446, 65.4325,
65.5161


■ 34.4114, 56.5777,
42.3831


■ 58.5844, 68.4295,
71.0694


■ 32.8194, 55.8383,
38.6337


■ 65.5316, 71.8880,
76.9466

 31.7326, 55.3539,
35.1574

 73.4240, 75.8275,
83.1535

 31.4494, 55.2305,
34.1238

 82.2972, 80.2661,
89.6959

 84.1115, 81.0593,
96.2015

 85.3987, 81.5742,
102.9798

 85.9467, 81.7934,
105.8656

Harmonies

Analogous

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



46.5316, 60.7360, 38.2838



43.0204, 60.7360, 55.3548



43.1623, 60.7360, 80.3017

Triad

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



43.0204, 60.7360, 55.3548



62.4841, 60.7360, 123.3428



70.0524, 60.7360, 37.3545

Complementary

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



43.0204, 60.7360, 55.3548



43.5109, 31.5112, 36.1392

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.



75.2488, 60.7360, 53.7342



43.0204, 60.7360, 55.3548



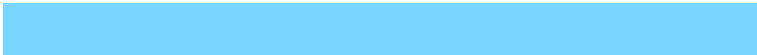
70.5896, 60.7360, 104.9875

Square

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



43.0204, 60.7360, 55.3548



53.8309, 60.7360, 124.0924



75.4547, 60.7360, 78.2226



61.8083, 60.7360, 29.7899

Rectangle

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



43.0204, 60.7360, 55.3548



45.2962, 60.7360, 98.4437



75.4547, 60.7360, 78.2226



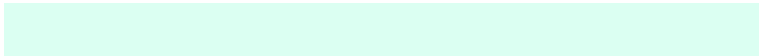
72.2481, 60.7360, 41.7981

Sweetspot

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



43.0221, 60.7384, 55.3562



81.0516, 93.0218, 97.4825



44.3351, 62.0423, 27.0925



16.9340, 19.7044, 20.5053



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.



43.0221, 60.7384, 55.3562



53.1232, 79.2401, 68.3458



44.5453, 56.2682, 79.0368



13.8894, 15.4815, 16.4526



18.3625, 32.1698, 20.1636



1.3156, 2.2470, 1.6232

Inverse Universe

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



43.5109, 31.5112, 36.1392



53.8699, 35.6180, 39.7488



42.2220, 33.4807, 21.6909



13.9167, 13.7843, 15.3316



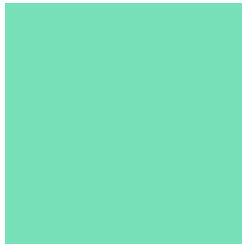
18.8577, 9.6101, 5.9163



1.3494, 0.6830, 0.6328

Previews

White Background



This preview shows how the XYZ color 43.0204, 60.7360, 55.3548 looks on a white background.

Color Contrast Check

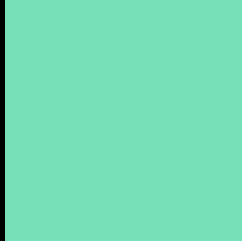
Large Text (above 18pt) WCAG AA × Fail

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 43.0204, 60.7360, 55.3548 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

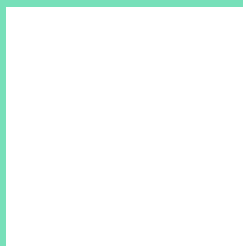
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0204, 60.7360, 55.3548

Background



This preview shows how black text looks on a background with the XYZ color 43.0204, 60.7360, 55.3548.



This preview shows how white text looks on a background with the XYZ color 43.0204, 60.7360,

55.3548.

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

43.0204, 60.7360, 55.3548

Protanopia

56.7275, 60.0640, 48.6481

Deuteranopia

61.1388, 59.7354, 57.5979



Tritanopia

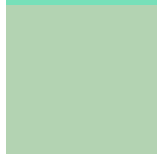
49.4811, 60.6104, 87.6883

Trichromacy



Original Color

43.0204, 60.7360, 55.3548



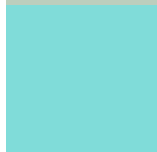
Protanomaly

49.9206, 59.3866, 50.9511



Deuteranomaly

51.9957, 58.5081, 56.6968



Tritanomaly

47.0197, 60.7853, 74.9002

Monochromacy



Original Color

43.0204, 60.7360, 55.3548



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

44.9605, 53.1477, 54.9026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0204, 60.7360, 55.3548 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(119, 224, 185)` looks like.

```
.text, #text, p{  
    color:rgb(119, 224, 185)  
}
```

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(119, 224, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 224, 185) }
```

Border

The CSS property to change the border of an element to XYZ 43.0204, 60.7360, 55.3548 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(119, 224, 185) }
```


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

```
.border{ border-color:rgb(119, 224, 185) }
```

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

Here you see how a box with a 4 pixel rgb(119, 224, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 224, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 224, 185);  
box-shadow:4px 4px 4px 4px rgb(119, 224,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0204, 60.7360, 55.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 224, 185) }
```

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

```
.background{ background-color: rgb(119,  
224, 185) }
```

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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