

Converting Colors

XYZ(41.5525, 60.7711, 55.6138)

Have a look what the booklet for
XYZ(41.5525, 60.7711, 55.6138)
contains.

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Color

**XYZ(41.5468, 60.7791,
55.4407)**

Conversions

Conversions Part 1

Format	Color
Hex	67E2B9
RGB	103, 226, 185
RGB Percent	40%, 89%, 73%
CMY	0.5961, 0.1137, 0.2745
CMYK	0.54, 0.00, 0.18, 0.11
HSL	160°, 68%, 65%
HSV	160°, 54%, 89%
XYZ	41.5468, 60.7791, 55.4407
YIQ	184.5490, -60.1470, -38.8270

Conversions

Conversions Part 2

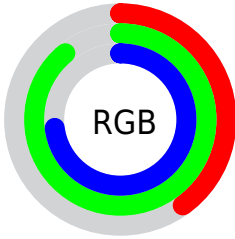
Format	Color
RYB	103, 177, 226
Decimal	6808249
CIELab	82.26, -44.07, 9.71
CIElCh	82, 45.127, 167.577
Yxy	60.7791, 0.2633, 0.3852
Android (android.graphics.Color)	4284998329 (0xFF67E2B9)
YUV	184.5490, 0.2223, -71.5185
Hunter-Lab	77.9610, -41.3058, 12.4095

Details

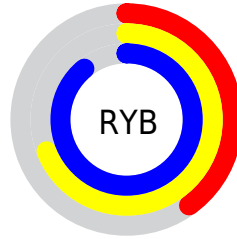
The XYZ color **41.5468, 60.7791, 55.4407** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **41.2503, 27.8843, 29.5958**, and the grayscale version is **45.8878, 48.2775, 52.5742**.

A 20% lighter version of the original color is **66.5375, 85.5523, 96.2254**, and **19.1993, 30.7555, 26.7543** is the 20% darker color. If you saturate the color by 10%, you get **38.5224, 59.3110, 51.2578**, and if you desaturate by 10%, it is **45.3172, 62.6300, 59.8812**.

Distribution



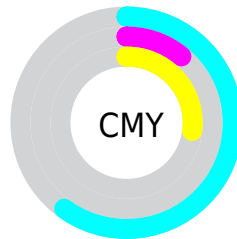
- Red (40%)
- Green (89%)
- Blue (73%)



- Red (40%)
- Yellow (69%)
- Blue (89%)



- Cyan (54%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)





- Cyan (60%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5468, 60.7791, 55.4407 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 41.5468, 60.7791, 55.4407 by changing the saturation by 10% instead.


 41.5468, 60.7791,
55.4407


 41.5468, 60.7791,
55.4407


343.6245,
427.4636, 424.9092


 28.9361, 44.0469,
39.3537


 76.7827, 105.9590,
99.6640

 19.1766, 30.7074,
26.7250


 100.1387,
135.1756, 128.6373

 11.9027, 20.3761,
17.1362


 127.8072,
169.3223, 162.7432

 6.7492, 12.6688,
10.1687

160.1536,
208.7837, 202.4001

 3.3507, 7.2009,
5.4039

197.5431,
253.9442, 248.0266

 1.3418, 3.5880,
2.4233

240.3412,

 0.2142, 1.4459,

305.1880, 300.0413

0.7991

288.9132,
362.8997, 358.8627

■ 0.0000, 0.2502,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.5468, 60.7791,
55.4407

■ 41.5468, 60.7791,
55.4407

■ 38.5224, 59.3110,
51.2578

■ 45.3172, 62.6300,
59.8812

■ 36.1804, 58.1883,
47.3221


■ 49.8806, 64.8832,
64.5809


■ 34.4547, 57.3787,
43.6285

■ 55.2858, 67.5654,
69.5465


■ 33.2628, 56.8396,
40.1696


■ 61.5765, 70.6990,
74.7832


 32.7563, 56.6184,
38.3381

 68.7928, 74.3046,
80.2961

 76.9727, 78.4017,
86.0899

 83.8317, 81.8126,
92.0607

 84.9605, 82.2641,
98.0051

 86.1362, 82.7344,
104.1962

Harmonies

Analogous

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



45.1817, 60.7791, 36.5292



41.5468, 60.7791, 55.4407



41.8927, 60.7791, 83.4675

Triad

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



41.5468, 60.7791, 55.4407



63.5264, 60.7791, 130.4792



71.1424, 60.7791, 34.3129

Complementary

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



41.5468, 60.7791, 55.4407



41.2503, 27.8843, 29.5958

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.



77.2208, 60.7791, 51.4580



41.5468, 60.7791, 55.4407



72.5000, 60.7791, 108.6485

Square

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



41.5468, 60.7791, 55.4407



53.8866, 60.7791, 132.4240



77.7435, 60.7791, 78.2194



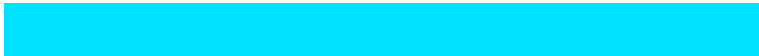
61.8329, 60.7791, 26.8022

Rectangle

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



41.5468, 60.7791, 55.4407



44.3351, 60.7791, 103.9507



77.7435, 60.7791, 78.2194



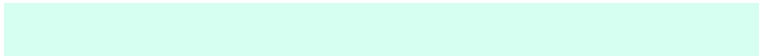
73.6740, 60.7791, 38.8830

Sweetspot

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



41.5485, 60.7815, 55.4421



79.4869, 92.2210, 97.1432



41.5094, 61.4901, 22.5138



16.6346, 19.5502, 20.4836



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.



41.5485, 60.7815, 55.4421



50.2997, 77.8146, 66.8576



41.7692, 53.2695, 80.0350



13.9122, 15.4906, 16.5727



18.7439, 32.3224, 22.1723



1.3402, 2.2568, 1.7529

Inverse Universe

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



41.2503, 27.8843, 29.5958



49.9058, 30.4755, 29.8394



40.7062, 30.9339, 16.6582



13.8947, 13.7755, 15.2159



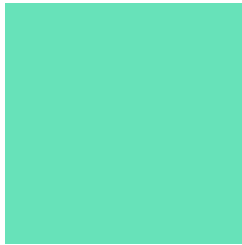
18.6736, 9.5365, 4.9471



1.3349, 0.6772, 0.5565

Previews

White Background



This preview shows how the XYZ color 41.5468, 60.7791, 55.4407 looks on a white background.

Color Contrast Check

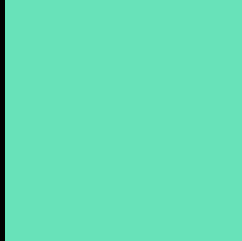
Large Text (above 18pt) WCAG AA × Fail

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 41.5468, 60.7791, 55.4407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

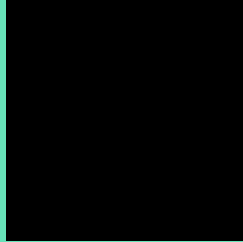
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

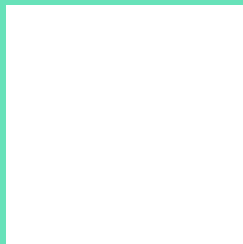
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.5468, 60.7791, 55.4407

Background



This preview shows how black text looks on a background with the XYZ color 41.5468, 60.7791, 55.4407.



This preview shows how white text looks on a background with the XYZ color 41.5468, 60.7791,

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

41.5468, 60.7791, 55.4407

Protanopia

56.6303, 60.0251, 48.1364

Deuteranopia

60.8225, 59.5723, 57.5831



Tritanopia

48.2253, 60.6994, 89.2952

Trichromacy



Original Color

41.5468, 60.7791, 55.4407



Protanomaly

48.6856, 58.7615, 50.3711



Deuteranomaly

50.7895, 58.2449, 56.7096



Tritanomaly

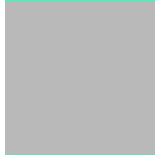
45.5862, 60.8152, 75.6655

Monochromacy



Original Color

41.5468, 60.7791, 55.4407



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

42.9288, 51.7799, 53.6309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5468, 60.7791, 55.4407 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(103, 226, 185)` looks like.

```
.text, #text, p{  
    color:rgb(103, 226, 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(103, 226, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 226, 185) }
```

Border

The CSS property to change the border of an element to XYZ 41.5468, 60.7791, 55.4407 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(103, 226, 185) }
```


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

```
.border{ border-color:rgb(103, 226, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 226, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 226, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 226, 185);  
box-shadow:4px 4px 4px 4px rgb(103, 226,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5468, 60.7791, 55.4407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 226, 185) }
```

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

```
.background{ background-color: rgb(103,  
226, 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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