

Converting Colors

XYZ(42.9390, 61.9028, 54.8260)

Have a look what the booklet for
XYZ(42.9390, 61.9028, 54.8260)
contains.

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Color

**XYZ(42.9309, 61.9096,
55.0345)**

Conversions

Conversions Part 1

Format	Color
Hex	71E3B8
RGB	113, 227, 184
RGB Percent	44%, 89%, 72%
CMY	0.5568, 0.1098, 0.2784
CMYK	0.50, 0.00, 0.19, 0.11
HSL	157°, 67%, 67%
HSV	157°, 50%, 89%
XYZ	42.9309, 61.9096, 55.0345
YIQ	188.0120, -54.1410, -37.5410

Conversions

Conversions Part 2

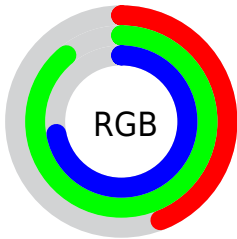
Format	Color
RYB	113, 183, 227
Decimal	7463864
CIELab	82.87, -42.51, 11.14
CIELCh	83, 43.949, 165.312
Yxy	61.9096, 0.2685, 0.3872
Android (android.graphics.Color)	4285653944 (0xFF71E3B8)
YUV	188.0120, -1.9779, -65.7855
Hunter-Lab	78.6827, -40.3013, 13.6075

Details

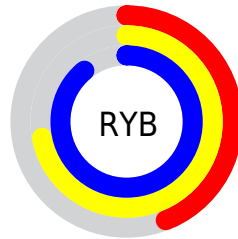
The XYZ color **42.9309, 61.9096, 55.0345** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **43.5865, 30.5430, 35.0530**, and the grayscale version is **47.8412, 50.3326, 54.8122**.

A 20% lighter version of the original color is **68.2828, 86.4692, 95.5294**, and **20.0249, 31.4683, 26.4913** is the 20% darker color. If you saturate the color by 10%, you get **39.4972, 60.2417, 50.3300**, and if you desaturate by 10%, it is **47.1526, 63.9807, 60.0622**.

Distribution



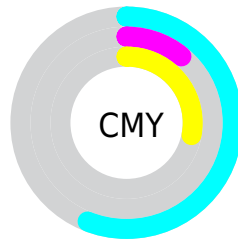
- Red (44%)
- Green (89%)
- Blue (72%)



- Red (44%)
- Yellow (72%)
- Blue (89%)



- Cyan (50%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)





- Cyan (56%)
- Magenta (11%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9309, 61.9096, 55.0345 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 42.9309, 61.9096, 55.0345 by changing the saturation by 10% instead.


 42.9309, 61.9096,
55.0345


 42.9309, 61.9096,
55.0345


349.2539,
431.6013, 423.3283


 30.0252, 44.9597,
39.0306


 78.8629, 107.5949,
99.0632

 20.0059, 31.4257,
26.4755


 102.6200,
137.0990, 127.9250

 12.5076, 20.9232,
16.9507


 130.7248,
171.5566, 161.9098

 7.1650, 13.0679,
10.0378

163.5429,
211.3521, 201.4362

 3.6128, 7.4753,
5.3181

201.4394,
256.8700, 246.9227

 1.4855, 3.7611,
2.3731

244.7799,

 0.3159, 1.5408,

308.4945, 298.7879

0.7717

293.9296,
366.6101, 357.4502

■ 0.0000, 0.3172,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 42.9309, 61.9096,
55.0345

■ 42.9309, 61.9096,
55.0345

■ 39.4972, 60.2417,
50.3300

■ 47.1526, 63.9807,
60.0622

■ 36.7901, 58.9405,
45.9370


■ 52.2080, 66.4736,
65.4161


■ 34.7467, 57.9755,
41.8485

■ 58.1451, 69.4145,
71.1045


■ 33.2905, 57.3072,
38.0559


■ 65.0066, 72.8254,
77.1340


 32.3060, 56.8747,
34.6215

 72.8326, 76.7268,
83.5110

 81.6607, 81.1380,
90.2416

 85.0304, 82.7285,
97.0280

 86.3609, 83.2607,
104.0342

 86.7602, 83.4204,
106.1367

Harmonies

Analogous

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



46.8257, 61.9096, 36.9887



42.9309, 61.9096, 55.0345



42.9726, 61.9096, 82.1370

Triad

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



42.9309, 61.9096, 55.0345



63.7831, 61.9096, 131.2399



72.5972, 61.9096, 36.7199

Complementary

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



42.9309, 61.9096, 55.0345



43.5865, 30.5430, 35.0530

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.



78.2071, 61.9096, 54.5561



42.9309, 61.9096, 55.0345



72.7588, 61.9096, 111.1258

Square

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



42.9309, 61.9096, 55.0345



54.3469, 61.9096, 131.4695



78.2693, 61.9096, 81.5120



63.5810, 61.9096, 28.5062

Rectangle

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



42.9309, 61.9096, 55.0345



45.2023, 61.9096, 102.2624



78.2693, 61.9096, 81.5120



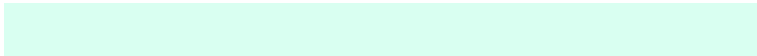
74.9846, 61.9096, 41.5390

Sweetspot

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



42.9326, 61.9121, 55.0359



80.1143, 92.5587, 96.5273



44.2979, 63.2710, 25.5015



16.7474, 19.6124, 20.3063



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.



42.9326, 61.9121, 55.0359



51.3505, 78.3892, 65.4201



44.6479, 57.0006, 81.3250



14.5649, 16.2394, 17.2393



18.8986, 33.1915, 20.4981



1.4413, 2.4706, 1.7505

Inverse Universe

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



43.5865, 30.5430, 35.0530



52.3114, 33.2908, 36.7948



42.1604, 32.5233, 19.6793



14.6008, 14.4575, 16.0980



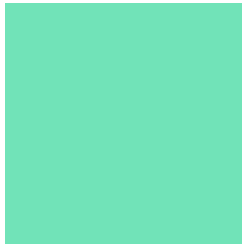
19.4981, 9.9335, 6.2522



1.4848, 0.7516, 0.6936

Previews

White Background



This preview shows how the XYZ color 42.9309, 61.9096, 55.0345 looks on a white background.

Color Contrast Check

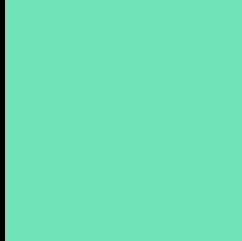
Large Text (above 18pt) WCAG AA × Fail

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 42.9309, 61.9096, 55.0345 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

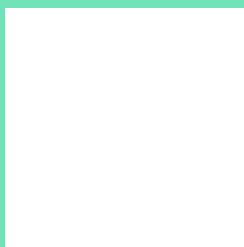
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9309, 61.9096, 55.0345

Background



This preview shows how black text looks on a background with the XYZ color 42.9309, 61.9096, 55.0345.

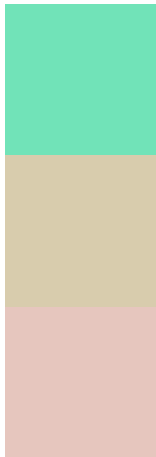


This preview shows how white text looks on a background with the XYZ color 42.9309, 61.9096,

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

42.9309, 61.9096, 55.0345

Protanopia

57.4546, 60.8018, 48.2429

Deuteranopia

62.1215, 60.9289, 57.2015



Tritanopia

49.7813, 61.8900, 89.4430

Trichromacy



Original Color

42.9309, 61.9096, 55.0345



Protanomaly

50.0697, 59.8450, 50.5073



Deuteranomaly

52.3711, 59.7966, 56.3586



Tritanomaly

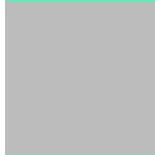
47.2109, 62.0483, 75.8179

Monochromacy



Original Color

42.9309, 61.9096, 55.0345



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

44.7881, 53.4060, 54.9615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9309, 61.9096, 55.0345 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(113, 227, 184)` looks like.

```
.text, #text, p{  
    color:rgb(113, 227, 184)  
}
```

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(113, 227, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 227, 184) }
```

Border

The CSS property to change the border of an element to XYZ 42.9309, 61.9096, 55.0345 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(113, 227, 184) }
```


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

```
.border{ border-color:rgb(113, 227, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 227, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 227, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 227, 184);  
box-shadow:4px 4px 4px 4px rgb(113, 227,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9309, 61.9096, 55.0345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 227, 184) }
```

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

```
.background{ background-color: rgb(113,  
227, 184) }
```

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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