

Converting Colors

XYZ(43.2595, 61.1403, 56.8896)

Have a look what the booklet for
XYZ(43.2595, 61.1403, 56.8896)
contains.

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Color

**XYZ(43.3384, 61.2632,
57.1178)**

Conversions

Conversions Part 1

Format	Color
Hex	75E1BC
RGB	117, 225, 188
RGB Percent	46%, 88%, 74%
CMY	0.5412, 0.1176, 0.2627
CMYK	0.48, 0.00, 0.16, 0.12
HSL	159°, 64%, 67%
HSV	159°, 48%, 88%
XYZ	43.3384, 61.2632, 57.1178
YIQ	188.4900, -52.4910, -34.4030

Conversions

Conversions Part 2

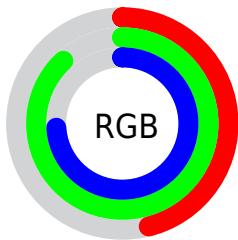
Format	Color
RYB	117, 182, 225
Decimal	7725500
CIELab	82.52, -39.81, 8.56
CIElCh	83, 40.724, 167.863
Yxy	61.2632, 0.2680, 0.3788
Android (android.graphics.Color)	4285915580 (0xFF75E1BC)
YUV	188.4900, -0.2416, -62.6967
Hunter-Lab	78.2708, -38.1388, 11.5229

Details

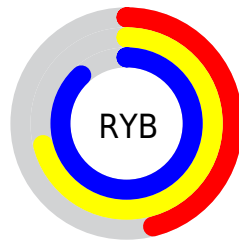
The XYZ color **43.3384, 61.2632, 57.1178** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **43.2473, 31.0647, 34.2907**, and the grayscale version is **48.1028, 50.6079, 55.1120**.

A 20% lighter version of the original color is **69.7683, 87.1656, 98.7354**, and **20.2485, 30.9951, 27.8371** is the 20% darker color. If you saturate the color by 10%, you get **39.8622, 59.5662, 52.7332**, and if you desaturate by 10%, it is **47.5889, 63.3574, 61.7731**.

Distribution



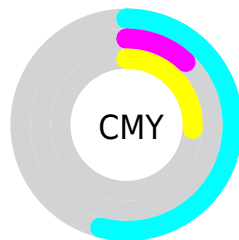
- Red (46%)
- Green (88%)
- Blue (74%)



- Red (46%)
- Yellow (71%)
- Blue (88%)



- Cyan (48%)
- Magenta (0%)
- Yellow (16%)
- Black (12%)





- Cyan (54%)
- Magenta (12%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3384, 61.2632, 57.1178 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 43.3384, 61.2632, 57.1178 by changing the saturation by 10% instead.


 43.3384, 61.2632,
57.1178


 43.3384, 61.2632,
57.1178

350.8996,
429.2384, 431.3967


 30.3464, 44.4376,
40.6898


 79.4738, 106.6599,
102.1391

 20.2510, 31.0147,
27.7589


 103.3479,
135.9999, 131.5695

 12.6870, 20.6100,
17.9066


 131.5801,
170.2801, 166.1711

 7.2889, 12.8393,
10.7142

164.5357,
209.8849, 206.3625

 3.6913, 7.3179,
5.7632

202.5801,
255.1987, 252.5623

 1.5290, 3.6617,
2.6352

246.0786,

 0.3455, 1.4862,

306.6060, 305.1888

0.9105

295.3967,
364.4911, 364.6608

■ 0.0000, 0.2790,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.3384, 61.2632,
57.1178

■ 43.3384, 61.2632,
57.1178

■ 39.8622, 59.5662,
52.7332

■ 47.5889, 63.3574,
61.7731

■ 37.1016, 58.2315,
48.6089

■ 52.6569, 65.8662,
66.7005


■ 34.9975, 57.2302,
44.7399


■ 58.5884, 68.8149,
71.9071


■ 33.4784, 56.5257,
41.1190


■ 65.4244, 72.2246,
77.3980


 32.4441, 56.0663,
37.7376

 73.2032, 76.1148,
83.1784

 32.2650, 55.9881,
37.0883

 81.9610, 80.5042,
89.2531

 84.1879, 81.5213,
95.2738

 85.3703, 81.9942,
101.5005

 86.2163, 82.3326,
105.9554

Harmonies

Analogous

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



46.6687, 61.2632, 39.4166



43.3384, 61.2632, 57.1178



43.6951, 61.2632, 82.5308

Triad

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



43.3384, 61.2632, 57.1178



63.5201, 61.2632, 123.5831



70.2068, 61.2632, 37.0780

Complementary

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



43.3384, 61.2632, 57.1178



43.2473, 31.0647, 34.2907

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.



75.6734, 61.2632, 53.0442



43.3384, 61.2632, 57.1178



71.5558, 61.2632, 104.3489

Square

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



43.3384, 61.2632, 57.1178



54.7772, 61.2632, 125.4637



76.1904, 61.2632, 77.3096



61.8225, 61.2632, 29.9351

Rectangle

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



43.3384, 61.2632, 57.1178



45.9792, 61.2632, 100.6986



76.1904, 61.2632, 77.3096



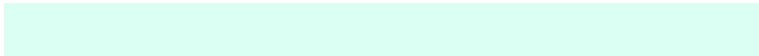
72.4812, 61.2632, 41.3784

Sweetspot

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



43.3401, 61.2657, 57.1192



81.2065, 93.0838, 98.2981



43.6172, 62.0862, 26.5154



16.9718, 19.7195, 20.7046



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.



43.3401, 61.2657, 57.1192



52.7739, 79.0274, 69.8057



43.6800, 54.7233, 79.4976



13.9066, 15.4884, 16.5435



18.6486, 32.2843, 21.6705



1.3341, 2.2544, 1.7207

Inverse Universe

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



43.2473, 31.0647, 34.2907



52.6601, 34.2570, 36.0816



42.6790, 34.1233, 21.1675



13.9001, 13.7777, 15.2440



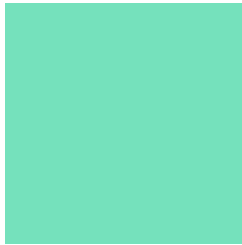
18.7163, 9.5535, 5.1717



1.3383, 0.6786, 0.5745

Previews

White Background



This preview shows how the XYZ color 43.3384, 61.2632, 57.1178 looks on a white background.

Color Contrast Check

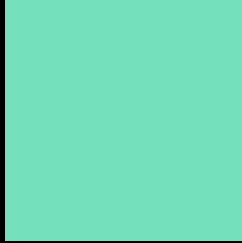
Large Text (above 18pt) WCAG AA × Fail

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 43.3384, 61.2632, 57.1178 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

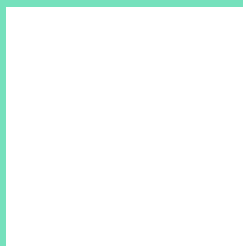
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3384, 61.2632, 57.1178

Background



This preview shows how black text looks on a background with the XYZ color 43.3384, 61.2632, 57.1178.

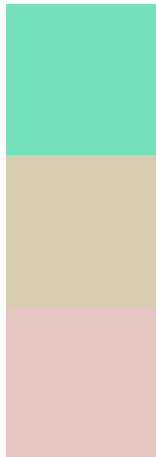


This preview shows how white text looks on a background with the XYZ color 43.3384, 61.2632,

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

43.3384, 61.2632, 57.1178

Protanopia

57.2602, 60.6562, 50.2849

Deuteranopia

61.6988, 60.3215, 59.4303



Tritanopia

49.4176, 60.9448, 88.5158

Trichromacy



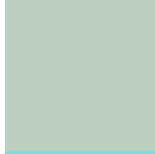
Original Color

43.3384, 61.2632, 57.1178



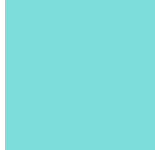
Protanomaly

50.4744, 60.0069, 52.6383



Deuteranomaly

52.5663, 59.1228, 58.5105



Tritanomaly

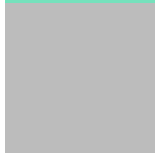
47.1001, 61.1873, 76.3457

Monochromacy



Original Color

43.3384, 61.2632, 57.1178



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

44.8640, 53.0855, 55.4589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3384, 61.2632, 57.1178 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(117, 225, 188)` looks like.

```
.text, #text, p{  
    color:rgb(117, 225, 188)  
}
```

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(117, 225, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 225, 188) }
```

Border

The CSS property to change the border of an element to XYZ 43.3384, 61.2632, 57.1178 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(117, 225, 188) }
```


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

```
.border{ border-color:rgb(117, 225, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 225, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 225, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 225, 188);  
box-shadow:4px 4px 4px 4px rgb(117, 225,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3384, 61.2632, 57.1178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 225, 188) }
```

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

```
.background{ background-color: rgb(117,  
225, 188) }
```

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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