

Converting Colors

XYZ(44.1935, 61.3413, 62.6376)

Have a look what the booklet for
XYZ(44.1935, 61.3413, 62.6376)
contains.

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Color

**XYZ(44.1848, 61.1704,
62.9044)**

Conversions

Conversions Part 1

Format	Color
Hex	75E0C6
RGB	117, 224, 198
RGB Percent	46%, 88%, 78%
CMY	0.5412, 0.1216, 0.2235
CMYK	0.48, 0.00, 0.12, 0.12
HSL	165°, 63%, 67%
HSV	165°, 48%, 88%
XYZ	44.1848, 61.1704, 62.9044
YIQ	189.0430, -55.4260, -30.7700

Conversions

Conversions Part 2

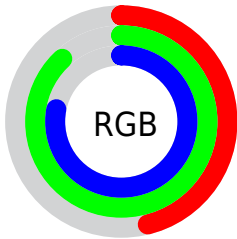
Format	Color
RYB	117, 178, 224
Decimal	7725254
CIELab	82.47, -37.11, 3.20
CIELCh	82, 37.248, 175.066
Yxy	61.1704, 0.2626, 0.3635
Android (android.graphics.Color)	4285915334 (0xFF75E0C6)
YUV	189.0430, 4.4158, -63.1817
Hunter-Lab	78.2115, -36.0284, 7.0620

Details

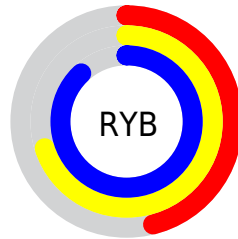
The XYZ color **44.1848, 61.1704, 62.9044** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **42.0617, 30.5547, 29.6696**, and the grayscale version is **48.3941, 50.9143, 55.4457**.

A 20% lighter version of the original color is **71.4892, 87.8540, 107.7974**, and **20.7240, 30.8887, 31.2554** is the 20% darker color. If you saturate the color by 10%, you get **40.9113, 59.5556, 59.5332**, and if you desaturate by 10%, it is **48.2044, 63.1702, 66.4310**.

Distribution



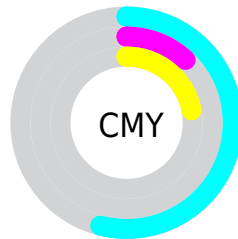
- Red (46%)
- Green (88%)
- Blue (78%)



- Red (46%)
- Yellow (70%)
- Blue (88%)



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



- Cyan (54%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1848, 61.1704, 62.9044 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 44.1848, 61.1704, 62.9044 by changing the saturation by 10% instead.

44.1848, 61.1704,
62.9044

44.1848, 61.1704,
62.9044

354.3014,
428.8985, 453.3208

31.0144, 44.3627,
45.3234

80.7404, 106.5256,
110.6158

20.7617, 30.9558,
31.3674

104.8562,
135.8419, 141.5833

13.0614, 20.5652,
20.6180

133.3512,
170.0966, 177.8500

7.5481, 12.8065,
12.6565

166.5908,
209.6739, 219.8345

3.8565, 7.2955,
7.0645

204.9402,
254.9584, 267.9552

1.6213, 3.6476,
3.4234

248.7649,

0.4062, 1.4784,

306.3344, 322.6309

1.3147

298.4301,
364.1863, 384.2799

■ 0.0000, 0.2735,
0.0738

■ 0.0000, 0.0000,
0.0000

■ 44.1848, 61.1704,
62.9044

■ 44.1848, 61.1704,
62.9044

■ 40.9113, 59.5556,
59.5332

■ 48.2044, 63.1702,
66.4310

■ 38.3263, 58.2917,
56.3096


■ 53.0121, 65.5722,
70.1121


■ 36.3719, 57.3503,
53.2308

■ 58.6530, 68.4011,
73.9524


■ 34.9784, 56.6955,
50.2923

■ 65.1672, 71.6774,
77.9550

 34.0494, 56.2777,
47.4884


 72.5921, 75.4205,
82.1227

 33.8717, 56.1994,
46.8790

 80.9629, 79.6485,
86.4583

 83.0525, 80.6357,
90.6248

 83.8561, 80.9572,
94.8569

 84.6842, 81.2884,
99.2172

Harmonies

Analogous

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



46.4729, 61.1704, 44.5226



44.1848, 61.1704, 62.9044



45.3482, 61.1704, 86.9566

Triad

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



44.1848, 61.1704, 62.9044



64.8698, 61.1704, 114.7283



67.3538, 61.1704, 36.7416

Complementary

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



44.1848, 61.1704, 62.9044



42.0617, 30.5547, 29.6696

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.



73.1375, 61.1704, 49.7044



44.1848, 61.1704, 62.9044



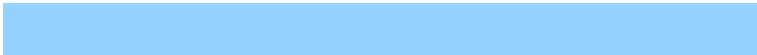
71.6141, 61.1704, 94.9933

Square

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



44.1848, 61.1704, 62.9044



56.8340, 61.1704, 120.5225



74.7633, 61.1704, 70.4462



59.4671, 61.1704, 31.7795

Rectangle

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



44.1848, 61.1704, 62.9044



47.9856, 61.1704, 102.7079



74.7633, 61.1704, 70.4462



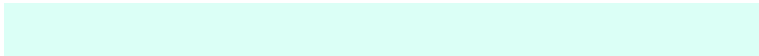
69.6359, 61.1704, 40.1406

Sweetspot

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



44.1865, 61.1728, 62.9058



81.7482, 93.3004, 101.1504



41.3264, 60.5049, 26.3312



17.1045, 19.7726, 21.4031



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.



44.1865, 61.1728, 62.9058



55.0227, 79.9629, 80.0216



40.8156, 49.2120, 77.8714



13.9667, 15.5124, 16.8601



19.7625, 32.7298, 27.5360



1.4043, 2.2824, 2.0903

Inverse Universe

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



42.0617, 30.5547, 29.6696



51.8869, 34.3799, 30.6778



43.8887, 37.0043, 21.6601



13.8431, 13.7549, 14.9440



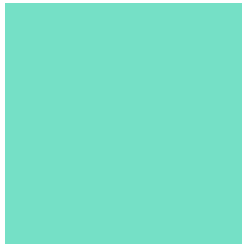
18.3248, 9.3969, 3.1102



1.3052, 0.6654, 0.4002

Previews

White Background



This preview shows how the XYZ color 44.1848, 61.1704, 62.9044 looks on a white background.

Color Contrast Check

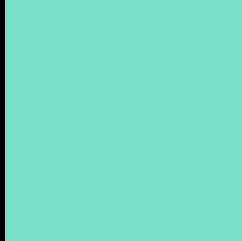
Large Text (above 18pt) WCAG AA × Fail

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 44.1848, 61.1704, 62.9044 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

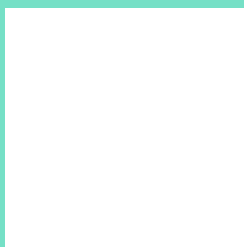
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.1848, 61.1704, 62.9044

Background



This preview shows how black text looks on a background with the XYZ color 44.1848, 61.1704, 62.9044.



This preview shows how white text looks on a background with the XYZ color 44.1848, 61.1704,

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

44.1848, 61.1704, 62.9044

Protanopia

57.4770, 60.2968, 55.6228

Deuteranopia

61.6058, 60.1394, 65.4878



Tritanopia

49.3739, 61.3084, 88.5883

Trichromacy



Original Color

44.1848, 61.1704, 62.9044



Protanomaly

50.8297, 59.6972, 58.1339



Deuteranomaly

52.9811, 59.2042, 64.5123



Tritanomaly

47.3534, 61.2719, 78.4381

Monochromacy



Original Color

44.1848, 61.1704, 62.9044



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

45.7392, 53.8334, 57.8493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1848, 61.1704, 62.9044 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, 224, 198)` looks like.

```
.text, #text, p{  
    color:rgb(117, 224, 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(117, 224, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 224, 198) }
```

Border

The CSS property to change the border of an element to XYZ 44.1848, 61.1704, 62.9044 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, 224, 198) }
```


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

```
.border{ border-color:rgb(117, 224, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 224, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 224, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 224, 198); box-shadow:4px 4px 4px 4px rgb(117, 224, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1848, 61.1704, 62.9044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 224, 198) }
```

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

```
.background{ background-color: rgb(117,  
224, 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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