

Converting Colors

XYZ(59.1624, 68.6239, 76.8911)

Have a look what the booklet for
XYZ(59.1624, 68.6239, 76.8911)
contains.

XYZ(59.2090, 68.6161, 77.1414)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.2090, 68.6161,
77.1414)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E0DB
RGB	184, 224, 219
RGB Percent	72%, 88%, 86%
CMY	0.2784, 0.1216, 0.1412
CMYK	0.18, 0.00, 0.02, 0.12
HSL	172°, 39%, 80%
HSV	172°, 18%, 88%
XYZ	59.2090, 68.6161, 77.1414
YIQ	211.4700, -22.2350, -10.0350

Conversions

Conversions Part 2

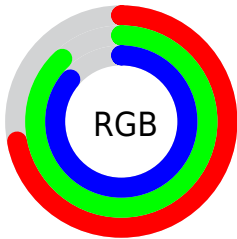
Format	Color
RYB	184, 205, 224
Decimal	12116187
CIELab	86.31, -13.98, -1.89
CIELCh	86, 14.110, 187.707
Yxy	68.6161, 0.2889, 0.3348
Android (android.graphics.Color)	4290306267 (0xFFB8E0DB)
YUV	211.4700, 3.7123, -24.0912
Hunter-Lab	82.8348, -17.3721, 2.7695

Details

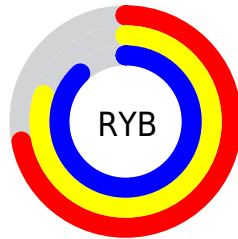
The XYZ color **59.2090, 68.6161, 77.1414** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.0687, 53.8043, 55.5245**, and the grayscale version is **62.2160, 65.4561, 71.2817**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **30.0947, 35.8021, 40.4463** is the 20% darker color. If you saturate the color by 10%, you get **53.8969, 65.9217, 74.9849**, and if you desaturate by 10%, it is **65.3809, 71.7567, 79.3735**.

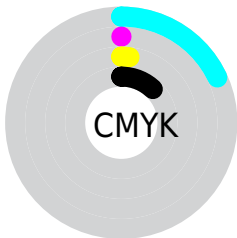
Distribution



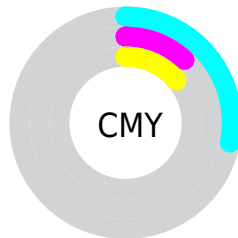
- Red (72%)
- Green (88%)
- Blue (86%)



- Red (72%)
- Yellow (80%)
- Blue (88%)



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (28%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2090, 68.6161, 77.1414 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 59.2090, 68.6161, 77.1414 by changing the saturation by 10% instead.

■ 59.2090, 68.6161,
77.1414

■ 59.2090, 68.6161,
77.1414

411.5576,
455.6758, 504.6965

■ 43.0284, 50.3991,
56.8567

■ 102.7943,
117.2331, 131.1139

■ 30.1020, 35.7306,
40.4816

130.9296,
148.4019, 165.6388

■ 20.0645, 24.2262,
27.5976

163.7806,
184.6567, 205.7474

■ 12.5505, 15.5015,
17.7861

201.7126,
226.3821, 251.8584

■ 7.1946, 9.1721,
10.6287

245.0910,
273.9622, 304.3902

■ 3.6315, 4.8536,
5.7067

294.2810,

■ 1.4959, 2.1616,

327.7817, 363.7615

2.6017

349.6481,
388.2247, 430.3907

■ 0.3230, 0.6990,
0.8933

■ 0.0000, 0.0000,
0.0000

■ 59.2090, 68.6161,
77.1414

■ 59.2090, 68.6161,
77.1414

■ 53.8969, 65.9217,
74.9849

■ 65.3809, 71.7567,
79.3735

■ 49.3989, 63.6444,
72.8973

■ 72.4439, 75.3541,
81.6783

■ 45.6736, 61.7648,
70.8779

■ 80.4352, 79.4293,
84.0594

■ 42.6741, 60.2587,
68.9245

■ 82.2090, 80.2986,
86.1823

40.3480, 59.0989,
67.0343

82.6062, 80.4575,
88.2739

38.6360, 58.2551,
65.2045

83.0097, 80.6189,
90.3989

37.4684, 57.6912,
63.4316

83.4197, 80.7829,
92.5576

36.7479, 57.3571,
61.7109

83.8360, 80.9494,
94.7500

36.6194, 57.2988,
61.3476

84.2588, 81.1185,
96.9763

Harmonies

Analogous

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



59.5955, 68.6161, 68.1150



59.2090, 68.6161, 77.1414



60.3895, 68.6161, 86.2212

Triad

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



59.2090, 68.6161, 77.1414



69.1215, 68.6161, 89.8108



67.6210, 68.6161, 59.3212

Complementary

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



59.2090, 68.6161, 77.1414



57.0687, 53.8043, 55.5245

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.



70.2963, 68.6161, 64.2741



59.2090, 68.6161, 77.1414



71.1825, 68.6161, 81.7202

Square

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



59.2090, 68.6161, 77.1414



66.0606, 68.6161, 93.9219



71.6194, 68.6161, 72.3327



64.3816, 68.6161, 58.3169

Rectangle

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



59.2090, 68.6161, 77.1414



61.9302, 68.6161, 90.9134



71.6194, 68.6161, 72.3327



68.6192, 68.6161, 60.5584

Sweetspot

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



59.2110, 68.6189, 77.1429



90.2581, 97.5592, 107.3412



56.3785, 67.6364, 55.4323



19.1801, 20.8110, 22.9290



0.0000, 0.0000, 0.0000



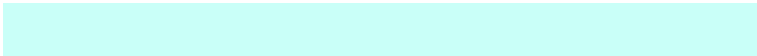
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.2110, 68.6189, 77.1429



76.9588, 90.7961, 102.5225



56.1061, 61.3392, 79.4068



14.0389, 15.5413, 17.2402



21.3436, 33.3623, 35.8622



1.5004, 2.3209, 2.5962

Inverse Universe

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



57.0687, 53.8043, 55.5245



73.6350, 67.8047, 68.9763



59.7414, 60.0038, 53.7818



13.7766, 13.7283, 14.5940



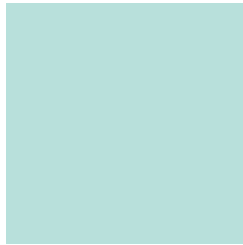
18.0381, 9.2822, 1.6003



1.2735, 0.6527, 0.2329

Previews

White Background



This preview shows how the XYZ color 59.2090, 68.6161, 77.1414 looks on a white background.

Color Contrast Check

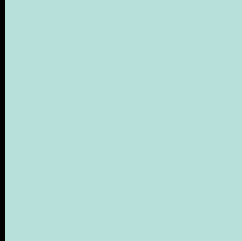
Large Text (above 18pt) WCAG AA × Fail

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 59.2090, 68.6161, 77.1414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

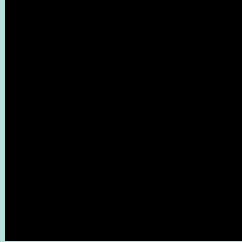
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

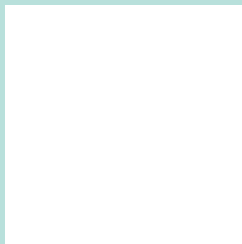
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2090, 68.6161, 77.1414

Background



This preview shows how black text looks on a background with the XYZ color 59.2090, 68.6161, 77.1414.

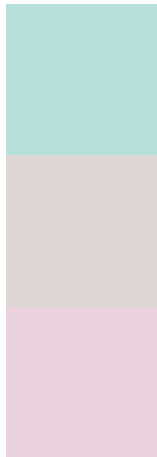


This preview shows how white text looks on a background with the XYZ color 59.2090, 68.6161,

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

59.2090, 68.6161, 77.1414

Protanopia

65.5720, 68.1129, 72.6419

Deuteranopia

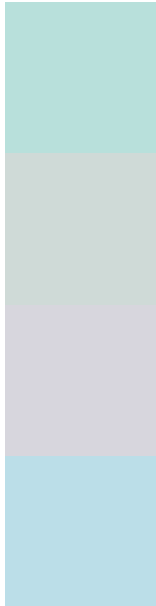
69.5896, 68.1985, 78.6031



Tritanopia

62.1755, 68.6363, 91.6325

Trichromacy



Original Color

59.2090, 68.6161, 77.1414

Protanomaly

63.0693, 68.3145, 74.1519

Deuteranomaly

65.1220, 67.7607, 78.0534

Tritanomaly

61.1803, 68.6335, 86.3670

Monochromacy



Original Color

59.2090, 68.6161, 77.1414

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.7809, 66.3843, 73.2283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2090, 68.6161, 77.1414 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(184, 224, 219)` looks like.

```
.text, #text, p{  
    color:rgb(184, 224, 219)  
}
```

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(184, 224, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 224, 219) }
```

Border

The CSS property to change the border of an element to XYZ 59.2090, 68.6161, 77.1414 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(184, 224, 219) }
```


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

```
.border{ border-color:rgb(184, 224, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 224, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 224, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 224, 219);  
box-shadow:4px 4px 4px 4px rgb(184, 224,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2090, 68.6161, 77.1414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 224, 219) }
```

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

```
.background{ background-color: rgb(184,  
224, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor