

Converting Colors

XYZ(37.6890, 58.6044, 62.4371)

Have a look what the booklet for
XYZ(37.6890, 58.6044, 62.4371)
contains.

| | |
|--|----|
| XYZ(37.6511, 58.6181, 62.1533) | 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(37.6511, 58.6181,
62.1533)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 18E2C5 |
| RGB | 24, 226, 197 |
| RGB Percent | 9%, 89%, 77% |
| CMY | 0.9058, 0.1137, 0.2274 |
| CMYK | 0.89, 0.00, 0.13, 0.11 |
| HSL | 171°, 81%, 49% |
| HSV | 171°, 89%, 89% |
| XYZ | 37.6511, 58.6181, 62.1533 |
| YIQ | 162.2960, -111.0830, -51.8430 |

Conversions

Conversions Part 2

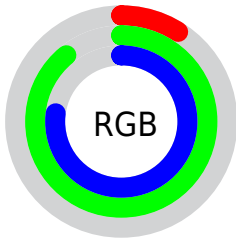
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 24, 133, 226 |
| Decimal | 1630917 |
| CIELab | 81.08, -51.24, 1.47 |
| CIELCh | 81, 51.263, 178.352 |
| Yxy | 58.6181, 0.2377, 0.3700 |
| Android (android.graphics.Color) | 4279820997 (0xFF18E2C5) |
| YUV | 162.2960, 17.1091, -121.2856 |
| Hunter-Lab | 76.5625, -46.2034, 5.4622 |

Details

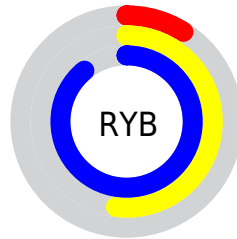
The XYZ color **37.6511, 58.6181, 62.1533** is a light color, and the websafe version is hex **00CC99**. The color can be described as light washed cyan. A complement of this color would be **32.3354, 17.0808, 4.9639**, and the grayscale version is **34.4450, 36.2388, 39.4641**.

A 20% lighter version of the original color is **60.7196, 82.3206, 106.4551**, and **19.3327, 30.7326, 30.8997** is the 20% darker color. If you saturate the color by 10%, you get **36.9254, 58.2879, 60.2002**, and if you desaturate by 10%, it is **38.8065, 59.1717, 64.1709**.

Distribution



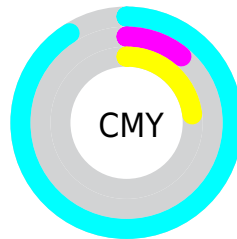
- Red (9%)
- Green (89%)
- Blue (77%)



- Red (9%)
- Yellow (52%)
- Blue (89%)



- Cyan (89%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)





- Cyan (91%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6511, 58.6181, 62.1533 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 37.6511, 58.6181, 62.1533 by changing the saturation by 10% instead.


 37.6511, 58.6181,
62.1533


 37.6511, 58.6181,
62.1533


327.4277,
419.4852, 450.5131

 25.8880, 42.3058,
44.7200


 70.8804, 102.8224,
109.5208


 16.8721, 29.3408,
30.8956


 93.0773, 131.4832,
140.2921


 10.2381, 19.3388,
20.2616

 119.4829,
165.0289, 176.3464

 5.6206, 11.9153,
12.3994

 150.4624,
203.8439, 218.1024

 2.6542, 6.6860,
6.8904

 186.3813,
248.3127, 265.9785

 0.9737, 3.2665,
3.3163

227.6049,

 0.0000, 1.2724,

298.8195, 320.3933

1.2583

274.4986,
355.7489, 381.7653

■ 0.0000, 0.1197,
0.0272

■ 0.0000, 0.0000,
0.0000

■ 37.6511, 58.6181,
62.1533

■ 37.6511, 58.6181,
62.1533

■ 36.9254, 58.2879,
60.2002

■ 38.8065, 59.1717,
64.1709

■ 36.8847, 58.2695,
60.0788

■ 40.5057, 60.0033,
66.2547

■ 42.8238, 61.1530,
68.4097

■ 45.8228, 62.6528,
70.6392

■ 49.5571, 64.5307,
72.9459

■ 54.0756, 66.8120,
75.3323

■ 59.4230, 69.5196,
77.8009

■ 65.6405, 72.6747,
80.3537

■ 72.7666, 76.2974,
82.9927

Harmonies

Analogous

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



40.0383, 58.6181, 37.7352



37.6511, 58.6181, 62.1533



39.5677, 58.6181, 95.9201

Triad

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



37.6511, 58.6181, 62.1533



66.0152, 58.6181, 130.5927



67.1640, 58.6181, 25.7881

Complementary

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



37.6511, 58.6181, 62.1533



32.3354, 17.0808, 4.9639

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.



75.7474, 58.6181, 39.8307



37.6511, 58.6181, 62.1533



75.0269, 58.6181, 99.8043

Square

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



37.6511, 58.6181, 62.1533



55.1279, 58.6181, 142.2197



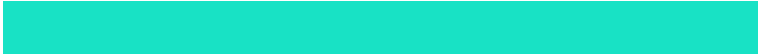
78.7912, 58.6181, 65.5267



56.3058, 58.6181, 21.3211

Rectangle

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



37.6511, 58.6181, 62.1533



43.1850, 58.6181, 118.4383



78.7912, 58.6181, 65.5267



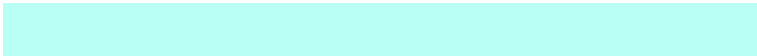
70.4602, 58.6181, 29.2686

Sweetspot

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



37.6528, 58.6203, 62.1547



72.5450, 88.5774, 99.7511



28.9010, 55.2538, 10.0073



15.0473, 18.7163, 21.1157



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.



37.6528, 58.6203, 62.1547



48.4654, 76.6021, 78.8256



25.8783, 29.2318, 76.2323



14.0275, 15.5367, 17.1801



21.0760, 33.2552, 34.4526



1.4844, 2.3145, 2.5117

Inverse Universe

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



32.3354, 17.0808, 4.9639



41.5679, 21.3912, 3.6568



35.5969, 24.3688, 3.6929



13.7870, 13.7324, 14.6486



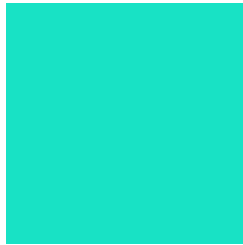
18.0715, 9.2956, 1.7765



1.2784, 0.6546, 0.2587

Previews

White Background



This preview shows how the XYZ color 37.6511, 58.6181, 62.1533 looks on a white background.

Color Contrast Check

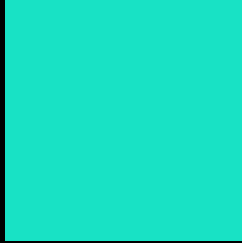
Large Text (above 18pt) WCAG AA × Fail

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 37.6511, 58.6181, 62.1533 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

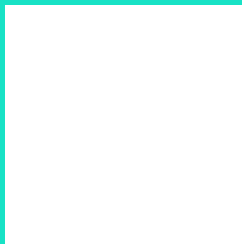
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.6511, 58.6181, 62.1533

Background



This preview shows how black text looks on a background with the XYZ color 37.6511, 58.6181, 62.1533.

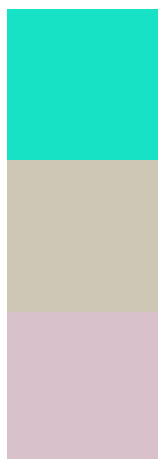


This preview shows how white text looks on a background with the XYZ color 37.6511, 58.6181,

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

37.6511, 58.6181, 62.1533

Protanopia

54.5990, 57.4896, 52.4749

Deuteranopia

58.5843, 57.2513, 65.0896



Tritanopia

43.1402, 58.4494, 89.8971

Trichromacy



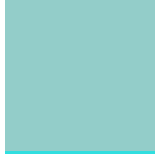
Original Color

37.6511, 58.6181, 62.1533



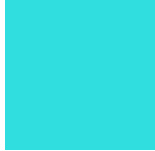
Protanomaly

42.5853, 54.7642, 55.3398



Deuteranomaly

44.4066, 54.0827, 63.3569



Tritanomaly

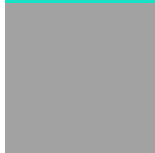
40.7072, 58.2232, 78.9048

Monochromacy



Original Color

37.6511, 58.6181, 62.1533



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

31.7689, 41.2378, 46.8427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6511, 58.6181, 62.1533 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(24, 226, 197)` looks like.

```
.text, #text, p{  
    color:rgb(24, 226, 197)  
}
```

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(24, 226, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 226, 197) }
```

Border

The CSS property to change the border of an element to XYZ 37.6511, 58.6181, 62.1533 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(24, 226, 197) }
```


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

```
.border{ border-color:rgb(24, 226, 197) }
```

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

Here you see how a box with a 4 pixel rgb(24, 226, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 226, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 226, 197);  
box-shadow:4px 4px 4px 4px rgb(24, 226,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6511, 58.6181, 62.1533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 226, 197) }
```

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

```
.background{ background-color: rgb(24, 226,  
197) }
```

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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