

Converting Colors

XYZ(36.6205, 58.6321, 55.8414)

Have a look what the booklet for
XYZ(36.6205, 58.6321, 55.8414)
contains.

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Color

**XYZ(36.6205, 58.6321,
55.8414)**

Conversions

Conversions Part 1

Format	Color
Hex	14E3BA
RGB	20, 227, 186
RGB Percent	8%, 89%, 73%
CMY	0.9215, 0.1098, 0.2706
CMYK	0.91, 0.00, 0.18, 0.11
HSL	168°, 84%, 48%
HSV	168°, 91%, 89%
XYZ	36.6205, 58.6321, 55.8414
YIQ	160.4330, -110.2110, -56.6350

Conversions

Conversions Part 2

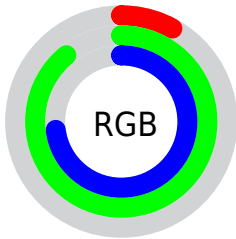
Format	Color
R_{YB}	20, 135, 227
Decimal	1369018
CIE _{Lab}	81.09, -54.66, 7.31
CIE _{LCh}	81, 55.143, 172.387
Yxy	58.6321, 0.2424, 0.3881
Android (android.graphics.Color)	4279559098 (0xFF14E3BA)
YUV	160.4330, 12.6045, -123.1597
Hunter-Lab	76.5716, -48.6324, 10.3617

Details

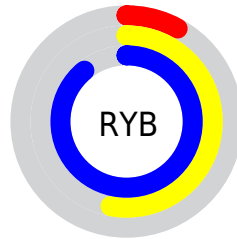
The XYZ color **36.6205, 58.6321, 55.8414** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **32.7732, 17.1697, 6.0049**, and the grayscale version is **33.5973, 35.3469, 38.4928**.

A 20% lighter version of the original color is **58.5971, 81.4415, 96.6358**, and **18.6084, 30.4429, 27.0856** is the 20% darker color. If you saturate the color by 10%, you get **35.9173, 58.3190, 53.6390**, and if you desaturate by 10%, it is **37.8036, 59.1873, 58.4333**.

Distribution



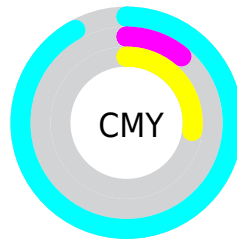
- Red (8%)
- Green (89%)
- Blue (73%)



- Red (8%)
- Yellow (53%)
- Blue (89%)



- Cyan (91%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)





- Cyan (92%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6205, 58.6321, 55.8414 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 36.6205, 58.6321, 55.8414 by changing the saturation by 10% instead.


 36.6205, 58.6321,
55.8414

 36.6205, 58.6321,
55.8414


323.0487,
419.5372, 426.4650


 25.0861, 42.3170,
39.6726


 69.3064, 102.8428,
100.2561

 16.2703, 29.3496,
26.9716


 91.1885, 131.5072,
129.3392


 9.8077, 19.3455,
17.3196


 117.2507,
165.0568, 163.5641

 5.3329, 11.9202,
10.2983

 147.8582,
203.8760, 203.3493

 2.4806, 6.6893,
5.4890

 183.3764,
248.3493, 249.1135

 0.8855, 3.2686,
2.4732

224.1707,

 0.0000, 1.2735,

298.8610, 301.2752

0.8259

270.6063,
355.7955, 360.2528

■ 0.0000, 0.1206,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 36.6205, 58.6321,
55.8414

■ 36.6205, 58.6321,
55.8414

■ 35.9173, 58.3190,
53.6390

■ 37.8036, 59.1873,
58.4333

■ 39.5279, 60.0184,
61.1284

■ 41.8723, 61.1673,
63.9325

■ 44.9011, 62.6673,
66.8493

■ 48.6708, 64.5474,
69.8821

■ 53.2318, 66.8336,
73.0338

■ 58.6298, 69.5496,
76.3073

■ 64.9073, 72.7171,
79.7053

■ 72.1038, 76.3564,
83.2303

Harmonies

Analogous

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



40.0356, 58.6321, 32.5574



36.6205, 58.6321, 55.8414



37.7399, 58.6321, 91.0097

Triad

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



36.6205, 58.6321, 55.8414



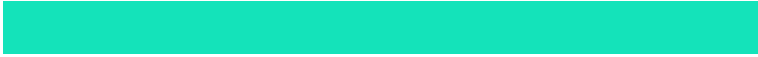
64.5462, 58.6321, 141.7485



70.2834, 58.6321, 25.7703

Complementary

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



36.6205, 58.6321, 55.8414



32.7732, 17.1697, 6.0049

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.



78.6796, 58.6321, 42.7004



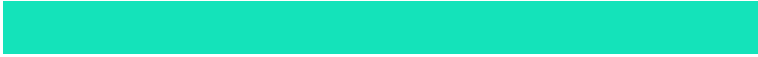
36.6205, 58.6321, 55.8414



75.0635, 58.6321, 110.6068

Square

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



36.6205, 58.6321, 55.8414



52.8602, 58.6321, 149.0154



80.5392, 58.6321, 72.5689



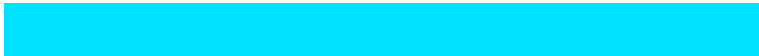
58.6978, 58.6321, 19.5021

Rectangle

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



36.6205, 58.6321, 55.8414



40.9891, 58.6321, 116.5159



80.5392, 58.6321, 72.5689



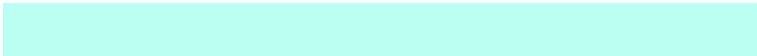
73.6341, 58.6321, 30.0549

Sweetspot

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



36.6221, 58.6344, 55.8428



71.9774, 88.3504, 96.7620



29.5468, 55.9962, 9.9139



14.9116, 18.6620, 20.4008



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.



36.6221, 58.6344, 55.8428



46.7175, 75.9030, 69.6214



27.5933, 32.5727, 77.5085



14.6786, 16.2849, 17.8385



20.9886, 34.0276, 31.5041



1.5823, 2.5270, 2.4928

Inverse Universe

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



32.7732, 17.1697, 6.0049



41.8269, 21.4948, 5.0204



34.8322, 22.4342, 3.1572



14.4931, 14.4144, 15.5312



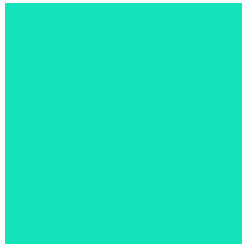
18.7838, 9.6477, 2.4904



1.4206, 0.7259, 0.3554

Previews

White Background



This preview shows how the XYZ color 36.6205, 58.6321, 55.8414 looks on a white background.

Color Contrast Check

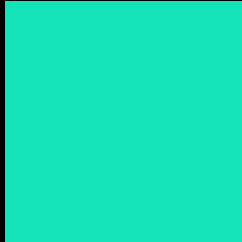
Large Text (above 18pt) WCAG AA × Fail

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 36.6205, 58.6321, 55.8414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

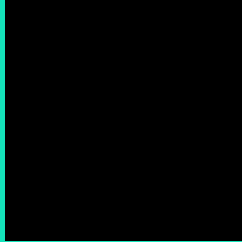
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

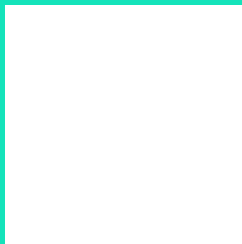
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.6205, 58.6321, 55.8414

Background



This preview shows how black text looks on a background with the XYZ color 36.6205, 58.6321, 55.8414.

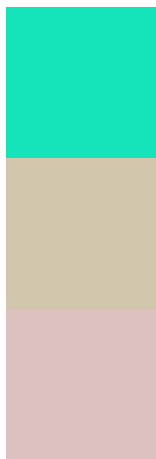


This preview shows how white text looks on a background with the XYZ color 36.6205, 58.6321,

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

36.6205, 58.6321, 55.8414

Protanopia

54.4482, 57.5270, 47.2638

Deuteranopia

58.5144, 57.3623, 58.4401



Tritanopia

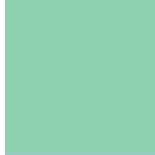
43.4801, 58.6247, 89.9130

Trichromacy



Original Color

36.6205, 58.6321, 55.8414



Protanomaly

41.7208, 54.4380, 49.9036



Deuteranomaly

43.3383, 53.6762, 56.7916



Tritanomaly

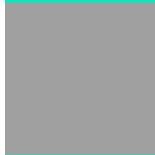
40.5391, 58.5936, 76.1909

Monochromacy



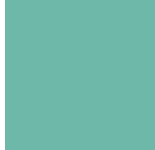
Original Color

36.6205, 58.6321, 55.8414



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

30.6086, 40.3968, 43.7202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6205, 58.6321, 55.8414 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(20, 227, 186)` looks like.

```
.text, #text, p{  
    color:rgb(20, 227, 186)  
}
```

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(20, 227, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 227, 186) }
```

Border

The CSS property to change the border of an element to XYZ 36.6205, 58.6321, 55.8414 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(20, 227, 186) }
```


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

```
.border{ border-color:rgb(20, 227, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 227, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 227, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 227, 186);  
box-shadow:4px 4px 4px 4px rgb(20, 227,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6205, 58.6321, 55.8414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 227, 186) }
```

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

```
.background{ background-color: rgb(20, 227,  
186) }
```

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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