

Converting Colors

XYZ(34.6092, 52.7244, 62.3856)

Have a look what the booklet for
XYZ(34.6092, 52.7244, 62.3856)
contains.

XYZ(34.6092, 52.7244, 62.3856)	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(34.6092, 52.7244,
62.3856)**

Conversions

Conversions Part 1

Format	Color
Hex	00D7C7
RGB	0, 215, 199
RGB Percent	0%, 84%, 78%
CMY	0.9998, 0.1568, 0.2196
CMYK	1.00, 0.00, 0.07, 0.16
HSL	176°, 100%, 42%
HSV	176°, 100%, 84%
XYZ	34.6092, 52.7244, 62.3856
YIQ	148.8910, -123.0040, -50.5560

Conversions

Conversions Part 2

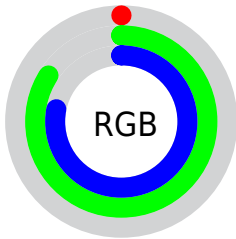
Format	Color
RYB	0, 112, 215
Decimal	55239
CIELab	77.71, -46.89, -4.54
CIELCh	78, 47.107, 185.532
Yxy	52.7244, 0.2312, 0.3522
Android (android.graphics.Color)	4278245319 (0xFF00D7C7)
YUV	148.8910, 24.7037, -130.5774
Hunter-Lab	72.6116, -41.9909, -0.1120

Details

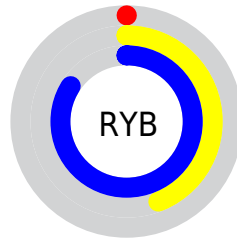
The XYZ color **34.6092, 52.7244, 62.3856** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **28.1195, 14.4859, 1.8058**, and the grayscale version is **28.4632, 29.9455, 32.6106**.

A 20% lighter version of the original color is **59.9943, 81.9281, 107.2594**, and **17.5090, 26.8406, 31.0460** is the 20% darker color. If you saturate the color by 10%, you get **34.6099, 52.7260, 62.3851**, and if you desaturate by 10%, it is **35.1179, 52.9663, 63.3858**.

Distribution



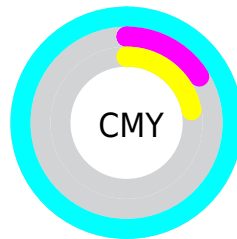
- Red (0%)
- Green (84%)
- Blue (78%)



- Red (0%)
- Yellow (44%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)





- Cyan (100%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6092, 52.7244, 62.3856 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 34.6092, 52.7244, 62.3856 by changing the saturation by 10% instead.


 34.6092, 52.7244,
62.3856


 34.6092, 52.7244,
62.3856


314.3783,
397.2269, 451.3827


 23.5271, 37.5828,
44.9065


 66.2179, 94.1987,
109.8596


 15.1060, 25.6591,
31.0414


 87.4753, 121.3002,
140.6917

 8.9806, 16.5687,
20.3717


 112.8551,
153.1571, 176.8118

 4.7856, 9.9275,
12.4787

 142.7227,
190.1539, 218.6386

 2.1555, 5.3509,
6.9441

 177.4434,
232.6748, 266.5905

 0.7191, 2.4546,
3.3493

217.3827,

 0.0000, 0.8538,

281.1044, 321.0861

1.2756

262.9059,
335.8269, 382.5440

■ 0.0000, 0.0000,
0.0417

■ 0.0000, 0.0000,
0.0000

■ 34.6092, 52.7244,
62.3856

■ 34.6092, 52.7244,
62.3856

■ 34.6099, 52.7260,
62.3851

■ 35.1179, 52.9663,
63.3858

■ 35.9838, 53.3908,
64.4118

■ 37.3263, 54.0609,
65.4704

■ 39.2109, 55.0102,
66.5647

■ 41.6928, 56.2671,
67.6972

■ 44.8203, 57.8567,
68.8703

■ 48.6371, 59.8013,
70.0860

■ 53.1826, 62.1215,
71.3462

■ 58.4937, 64.8360,
72.6528

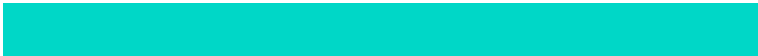
Harmonies

Analogous

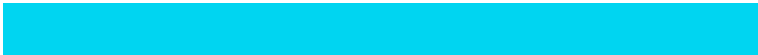
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.7888, 52.7244, 39.0209



34.6092, 52.7244, 62.3856



37.1562, 52.7244, 91.8127

Triad

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



34.6092, 52.7244, 62.3856



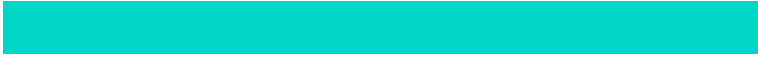
61.0084, 52.7244, 108.7324



57.7312, 52.7244, 22.7603

Complementary

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



34.6092, 52.7244, 62.3856



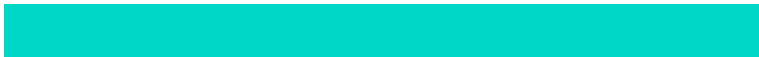
28.1195, 14.4859, 1.8058

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.



65.7779, 52.7244, 32.8919



34.6092, 52.7244, 62.3856



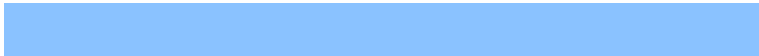
67.8249, 52.7244, 80.8178

Square

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



34.6092, 52.7244, 62.3856



51.8222, 52.7244, 123.2930



69.6681, 52.7244, 52.7023



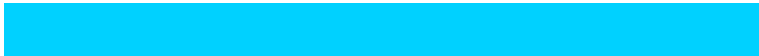
48.4418, 52.7244, 20.5299

Rectangle

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



34.6092, 52.7244, 62.3856



40.8308, 52.7244, 109.5529



69.6681, 52.7244, 52.7023



60.7049, 52.7244, 25.1641

Sweetspot

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



34.6107, 52.7264, 62.3869



71.3816, 87.9029, 103.0773



24.5500, 48.7308, 8.1132



14.7425, 18.5415, 21.8983



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.



34.6107, 52.7264, 62.3869



50.9030, 77.5772, 91.6618



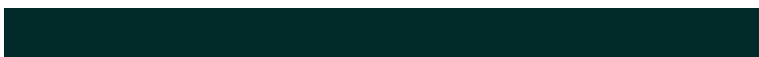
19.6554, 19.6842, 67.0557



12.7504, 14.0912, 15.7662



20.7175, 31.5424, 37.4038



1.2618, 1.9074, 2.3201

Inverse Universe

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



28.1195, 14.4859, 1.8058



41.3574, 21.3070, 2.5482



31.6486, 21.6939, 2.5204



12.4604, 12.4357, 13.0987



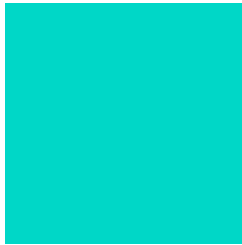
16.8328, 8.6694, 1.1575



1.0287, 0.5283, 0.1404

Previews

White Background



This preview shows how the XYZ color 34.6092, 52.7244, 62.3856 looks on a white background.

Color Contrast Check

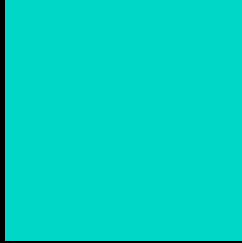
Large Text (above 18pt) WCAG AA × Fail

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 34.6092, 52.7244, 62.3856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

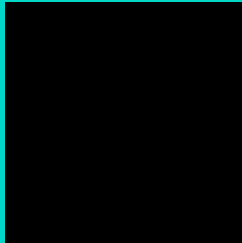
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

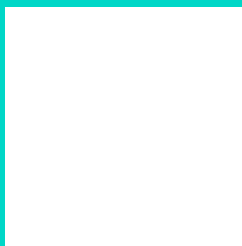
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.6092, 52.7244, 62.3856

Background



This preview shows how black text looks on a background with the XYZ color 34.6092, 52.7244, 62.3856.

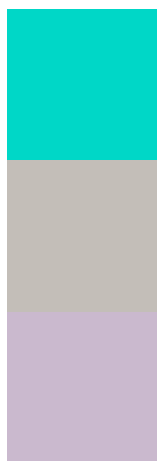


This preview shows how white text looks on a background with the XYZ color 34.6092, 52.7244,

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

34.6092, 52.7244, 62.3856

Protanopia

49.5709, 51.8897, 52.7505

Deuteranopia

52.8467, 51.7107, 65.5884



Tritanopia

38.6631, 52.8938, 81.5705

Trichromacy



Original Color

34.6092, 52.7244, 62.3856



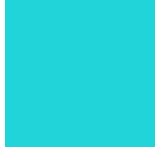
Protanomaly

37.9209, 48.8061, 55.5660



Deuteranomaly

39.5727, 48.4588, 63.7677



Tritanomaly

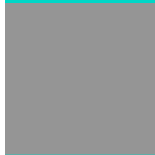
36.6635, 52.4038, 73.8282

Monochromacy



Original Color

34.6092, 52.7244, 62.3856



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

26.6379, 35.1101, 41.9322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6092, 52.7244, 62.3856 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(0, 215, 199)` looks like.

```
.text, #text, p{  
    color:rgb(0, 215, 199)  
}
```

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(0, 215, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 215, 199) }
```

Border

The CSS property to change the border of an element to XYZ 34.6092, 52.7244, 62.3856 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(0, 215, 199) }
```


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

```
.border{ border-color:rgb(0, 215, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 215, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 215, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 215, 199);  
box-shadow:4px 4px 4px 4px rgb(0, 215,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6092, 52.7244, 62.3856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 215, 199) }
```

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

```
.background{ background-color: rgb(0, 215,  
199) }
```

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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