

Converting Colors

XYZ(36.4280, 52.9993, 66.2692)

Have a look what the booklet for
XYZ(36.4280, 52.9993, 66.2692)
contains.

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Color

**XYZ(36.2819, 52.7532,
66.0277)**

Conversions

Conversions Part 1

Format	Color
Hex	35D5CD
RGB	53, 213, 205
RGB Percent	21%, 84%, 80%
CMY	0.7921, 0.1647, 0.1961
CMYK	0.75, 0.00, 0.04, 0.16
HSL	177°, 66%, 52%
HSV	177°, 75%, 84%
XYZ	36.2819, 52.7532, 66.0277
YIQ	164.2480, -92.7920, -36.4080

Conversions

Conversions Part 2

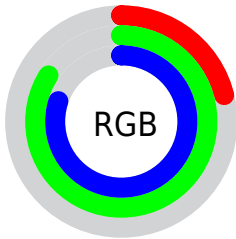
Format	Color
RYB	53, 135, 213
Decimal	3528141
CIELab	77.73, -41.30, -7.68
CIELCh	78, 42.008, 190.539
Yxy	52.7532, 0.2340, 0.3402
Android (android.graphics.Color)	4281718221 (0xFF35D5CD)
YUV	164.2480, 20.0907, -97.5645
Hunter-Lab	72.6314, -37.9380, -3.0573

Details

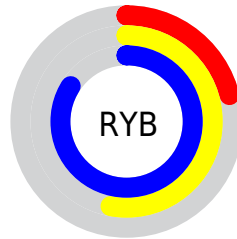
The XYZ color **36.2819, 52.7532, 66.0277** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **29.5578, 17.0309, 6.1461**, and the grayscale version is **35.3458, 37.1865, 40.4961**.

A 20% lighter version of the original color is **62.2674, 83.1000, 107.3658**, and **17.8128, 26.6881, 33.4906** is the 20% darker color. If you saturate the color by 10%, you get **35.2732, 52.2492, 65.3126**, and if you desaturate by 10%, it is **37.7918, 53.5179, 66.7732**.

Distribution



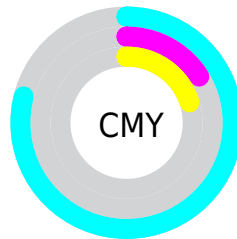
- Red (21%)
- Green (84%)
- Blue (80%)



- Red (21%)
- Yellow (53%)
- Blue (84%)



- Cyan (75%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (79%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2819, 52.7532, 66.0277 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 36.2819, 52.7532, 66.0277 by changing the saturation by 10% instead.

36.2819, 52.7532,
66.0277

36.2819, 52.7532,
66.0277

321.6008,
397.3375, 464.8829

24.8231, 37.6058,
47.8383

68.7880, 94.2411,
115.1535

16.0733, 25.6769,
33.3397

90.5660, 121.3504,
146.9269

9.6672, 16.5821,
22.1136

116.5144,
153.2157, 184.0654

5.2395, 9.9370,
13.7413

146.9987,
190.2216, 226.9875

2.4246, 5.3572,
7.8042

182.3841,
232.7523, 276.1117

0.8574, 2.4583,
3.8840

223.0360,

0.0000, 0.8557,

281.1922, 331.8567

1.5619

269.3198,
335.9259, 394.6409

■ 0.0000, 0.0000,
0.2634

■ 0.0000, 0.0000,
0.0000

■ 36.2819, 52.7532,
66.0277

■ 36.2819, 52.7532,
66.0277

■ 35.2732, 52.2492,
65.3126

■ 37.7918, 53.5179,
66.7732


■ 34.6895, 51.9630,
64.6208


■ 39.8568, 54.5674,
67.5481


■ 34.4973, 51.8710,
64.2887


■ 42.5288, 55.9298,
68.3559


■ 45.8526, 57.6280,
69.1989

 49.8688, 59.6831,
70.0789

 54.6145, 62.1142,
70.9976

 60.1244, 64.9392,
71.9567

 66.4309, 68.1746,
72.9578

 73.5645, 71.8364,
74.0022

Harmonies

Analogous

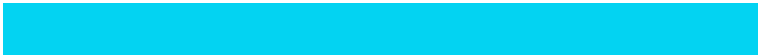
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.7919, 52.7532, 43.7706



36.2819, 52.7532, 66.0277



39.1685, 52.7532, 91.7493

Triad

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



36.2819, 52.7532, 66.0277



61.0086, 52.7532, 98.6486



55.5339, 52.7532, 24.7107

Complementary

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



36.2819, 52.7532, 66.0277



29.5578, 17.0309, 6.1461

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.



62.9907, 52.7532, 32.9672



36.2819, 52.7532, 66.0277



66.3803, 52.7532, 73.6929

Square

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



36.2819, 52.7532, 66.0277



53.0558, 52.7532, 113.6903



67.1425, 52.7532, 49.6299



47.3337, 52.7532, 23.6971

Rectangle

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



36.2819, 52.7532, 66.0277



42.8344, 52.7532, 105.9336



67.1425, 52.7532, 49.6299



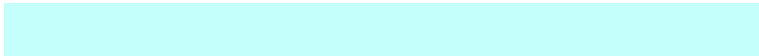
58.2330, 52.7532, 26.5994

Sweetspot

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



36.2835, 52.7552, 66.0290



76.1974, 90.3353, 105.5713



26.5313, 48.9265, 11.4149



15.7953, 19.0722, 22.4910



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.



36.2835, 52.7552, 66.0290



52.4299, 78.2357, 97.5454



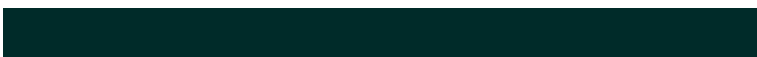
23.4033, 25.4091, 66.6240



12.7641, 14.0966, 15.8382



21.0833, 31.6887, 39.3301



1.2801, 1.9147, 2.4166

Inverse Universe

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



29.5578, 17.0309, 6.1461



41.9320, 22.1103, 3.8061



35.0858, 28.4067, 7.0033



12.4482, 12.4308, 13.0344



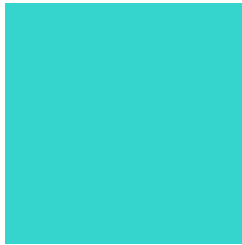
16.8087, 8.6598, 1.0310



1.0229, 0.5259, 0.1099

Previews

White Background



This preview shows how the XYZ color 36.2819, 52.7532, 66.0277 looks on a white background.

Color Contrast Check

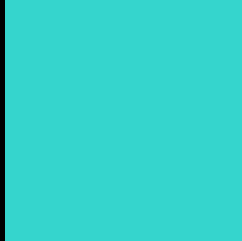
Large Text (above 18pt) WCAG AA × Fail

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 36.2819, 52.7532, 66.0277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

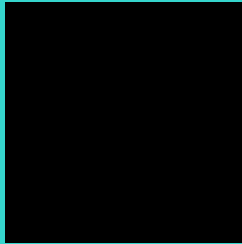
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

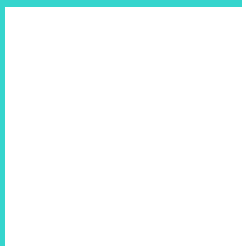
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.2819, 52.7532, 66.0277

Background



This preview shows how black text looks on a background with the XYZ color 36.2819, 52.7532, 66.0277.

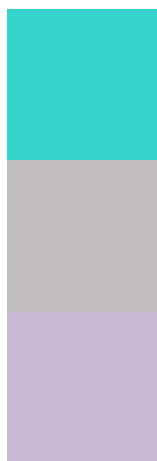


This preview shows how white text looks on a background with the XYZ color 36.2819, 52.7532,

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

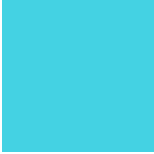
36.2819, 52.7532, 66.0277

Protanopia

50.0656, 52.0578, 56.6996

Deuteranopia

52.9263, 51.6804, 68.8138



Tritanopia

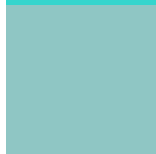
39.2956, 52.8682, 80.8065

Trichromacy



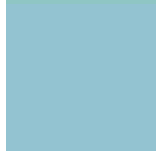
Original Color

36.2819, 52.7532, 66.0277



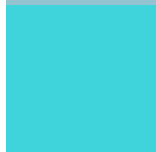
Protanomaly

41.4856, 50.2133, 59.7302



Deuteranomaly

43.0564, 49.8367, 67.6717



Tritanomaly

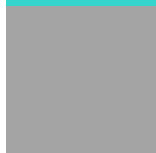
38.1303, 52.7598, 75.1918

Monochromacy



Original Color

36.2819, 52.7532, 66.0277



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

33.1768, 40.9957, 48.8122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2819, 52.7532, 66.0277 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(53, 213, 205)` looks like.

```
.text, #text, p{  
    color:rgb(53, 213, 205)  
}
```

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(53, 213, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 213, 205) }
```

Border

The CSS property to change the border of an element to XYZ 36.2819, 52.7532, 66.0277 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(53, 213, 205) }
```


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

```
.border{ border-color:rgb(53, 213, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 213, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 213, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 213, 205);  
box-shadow:4px 4px 4px 4px rgb(53, 213,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2819, 52.7532, 66.0277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 213, 205) }
```

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

```
.background{ background-color: rgb(53, 213,  
205) }
```

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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