

Converting Colors

XYZ(36.6621, 52.2087, 70.4756)

Have a look what the booklet for
XYZ(36.6621, 52.2087, 70.4756)
contains.

| | |
|------------------------------------------------|----|
| XYZ(36.5941, 52.0721, 70.4096) | 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(36.5941, 52.0721,
70.4096)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 34D3D4 |
| RGB | 52, 211, 212 |
| RGB Percent | 20%, 83%, 83% |
| CMY | 0.7960, 0.1725, 0.1686 |
| CMYK | 0.75, 0.00, 0.00, 0.17 |
| HSL | 180°, 65%, 52% |
| HSV | 180°, 75%, 83% |
| XYZ | 36.5941, 52.0721, 70.4096 |
| YIQ | 163.5730, -95.0850, -33.3970 |

Conversions

Conversions Part 2

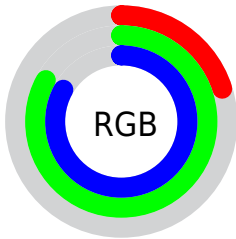
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 52, 132, 212 |
| Decimal | 3462100 |
| CIELab | 77.32, -38.52, -12.05 |
| CIELCh | 77, 40.356, 197.368 |
| Yxy | 52.0721, 0.2300, 0.3273 |
| Android (android.graphics.Color) | 4281652180 (0xFF34D3D4) |
| YUV | 163.5730, 23.8745, -97.8495 |
| Hunter-Lab | 72.1610, -35.7613, -7.3383 |

Details

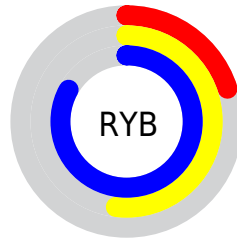
The XYZ color **36.5941, 52.0721, 70.4096** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **29.0454, 16.7924, 4.9605**, and the grayscale version is **35.0087, 36.8319, 40.1099**.

A 20% lighter version of the original color is **62.2674, 83.1000, 107.3658**, and **17.9743, 26.2113, 36.0102** is the 20% darker color. If you saturate the color by 10%, you get **35.7055, 51.5664, 70.3598**, and if you desaturate by 10%, it is **37.9755, 52.8342, 70.4848**.

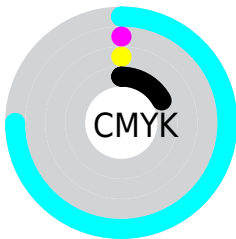
Distribution



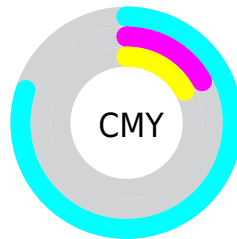
- Red (20%)
- Green (83%)
- Blue (83%)



- Red (20%)
- Yellow (52%)
- Blue (83%)



- Cyan (75%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)





- Cyan (80%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5941, 52.0721, 70.4096 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 36.5941, 52.0721, 70.4096 by changing the saturation by 10% instead.


 36.5941, 52.0721,
70.4096


 36.5941, 52.0721,
70.4096


322.9360,
394.7149, 480.8148


 25.0656, 37.0625,
51.3817


 69.2660, 93.2376,
121.4793


 16.2549, 25.2559,
36.1336


 91.1400, 120.1623,
154.3581


 9.7967, 16.2678,
24.2469


 117.1934,
151.8275, 192.6910

 5.3256, 9.7139,
15.3030

 147.7913,
188.6176, 236.8964

 2.4763, 5.2097,
8.8833

 183.2991,
230.9170, 287.3930

 0.8833, 2.3708,
4.5694

224.0823,

 0.0000, 0.8108,

279.1101, 344.5992

1.9426

270.5061,
333.5812, 408.9336

■ 0.0000, 0.0000,
0.5196

■ 0.0000, 0.0000,
0.0000

■ 36.5941, 52.0721,
70.4096

■ 36.5941, 52.0721,
70.4096

■ 35.7055, 51.5664,
70.3598

■ 37.9755, 52.8342,
70.4848

■ 35.2336, 51.2744,
70.3283

■ 39.9031, 53.8768,
70.5845

■ 35.0984, 51.1826,
70.3177

■ 42.4286, 55.2276,
70.7121

■ 45.5963, 56.9095,
70.8698

■ 49.4465, 58.9433,
71.0594

■ 54.0161, 61.3480,
71.2828

■ 59.3393, 64.1413,
71.5413

■ 65.4483, 67.3397,
71.8367

■ 72.3733, 70.9588,
72.1703

Harmonies

Analogous

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



36.3342, 52.0721, 47.8709



36.5941, 52.0721, 70.4096



40.0743, 52.0721, 94.2317

Triad

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



36.5941, 52.0721, 70.4096



61.2809, 52.0721, 90.7768



52.8224, 52.0721, 24.4265

Complementary

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



36.5941, 52.0721, 70.4096



29.0454, 16.7924, 4.9605

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.



60.2827, 52.0721, 30.7467



36.5941, 52.0721, 70.4096



65.4976, 52.0721, 66.5478

Square

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



36.5941, 52.0721, 70.4096



54.0741, 52.0721, 107.9368



65.1143, 52.0721, 44.8926



45.1782, 52.0721, 24.9507

Rectangle

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



36.5941, 52.0721, 70.4096



43.9794, 52.0721, 105.8918



65.1143, 52.0721, 44.8926



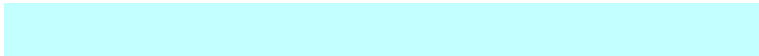
55.4491, 52.0721, 25.7340

Sweetspot

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



36.5957, 52.0740, 70.4108



76.5495, 90.2895, 108.0008



25.5807, 48.0661, 11.1796



15.8824, 19.0609, 23.0920



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.



36.5957, 52.0740, 70.4108



53.7020, 78.0013, 106.8331



21.5527, 21.9882, 65.3965



12.7853, 14.0940, 15.9841



21.6707, 31.6031, 43.4110



1.3093, 1.9105, 2.6191

Inverse Universe

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



40.1386, 21.1576, 63.5984



59.3631, 28.9979, 95.8587



36.0240, 30.7496, 7.2867



12.9496, 12.6313, 15.6746



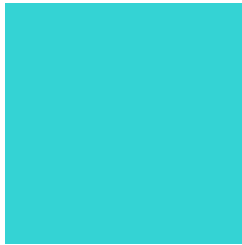
23.9972, 11.5352, 38.8849



1.4485, 0.6962, 2.3512

Previews

White Background



This preview shows how the XYZ color 36.5941, 52.0721, 70.4096 looks on a white background.

Color Contrast Check

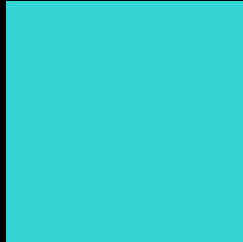
Large Text (above 18pt) WCAG AA × Fail

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 36.5941, 52.0721, 70.4096 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

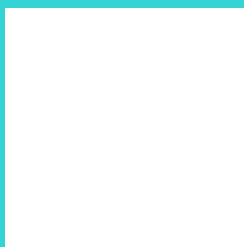
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5941, 52.0721, 70.4096

Background



This preview shows how black text looks on a background with the XYZ color 36.5941, 52.0721, 70.4096.



This preview shows how white text looks on a background with the XYZ color 36.5941, 52.0721,

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

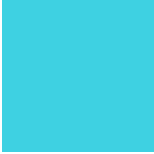
36.5941, 52.0721, 70.4096

Protanopia

49.4115, 50.9908, 60.6640

Deuteranopia

52.2520, 51.2292, 73.4639



Tritanopia

38.5145, 52.1160, 79.9810

Trichromacy



Original Color

36.5941, 52.0721, 70.4096



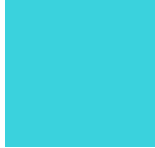
Protanomaly

41.3346, 49.3671, 63.8501



Deuteranomaly

42.8418, 49.2922, 72.2221



Tritanomaly

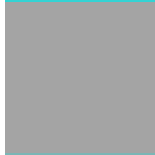
37.8427, 52.2132, 76.4902

Monochromacy



Original Color

36.5941, 52.0721, 70.4096



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

33.0327, 40.5949, 49.8107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5941, 52.0721, 70.4096 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(52, 211, 212)` looks like.

```
.text, #text, p{  
    color:rgb(52, 211, 212)  
}
```

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(52, 211, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 211, 212) }
```

Border

The CSS property to change the border of an element to XYZ 36.5941, 52.0721, 70.4096 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(52, 211, 212) }
```


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

```
.border{ border-color:rgb(52, 211, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 211, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 211, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 211, 212);  
box-shadow:4px 4px 4px 4px rgb(52, 211,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5941, 52.0721, 70.4096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 211, 212) }
```

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

```
.background{ background-color: rgb(52, 211,  
212) }
```

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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