

Converting Colors

XYZ(37.2752, 51.6028, 74.4749)

Have a look what the booklet for
XYZ(37.2752, 51.6028, 74.4749)
contains.

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Color

**XYZ(37.2590, 51.5927,
74.3243)**

Conversions

Conversions Part 1

Format	Color
Hex	3BD1DA
RGB	59, 209, 218
RGB Percent	23%, 82%, 85%
CMY	0.7686, 0.1804, 0.1451
CMYK	0.73, 0.04, 0.00, 0.15
HSL	183°, 68%, 54%
HSV	183°, 73%, 85%
XYZ	37.2590, 51.5927, 74.3243
YIQ	165.1760, -92.2890, -29.0010

Conversions

Conversions Part 2

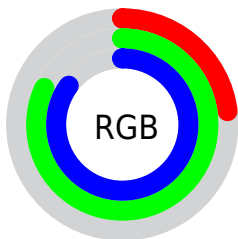
Format	Color
R _{YB}	59, 136, 218
Decimal	3920346
CIE Lab	77.04, -35.09, -15.69
CIE LCh	77, 38.436, 204.092
Yxy	51.5927, 0.2283, 0.3162
Android (android.graphics.Color)	4282110426 (0xFF3BD1DA)
YUV	165.1760, 26.0422, -93.1164
Hunter-Lab	71.8281, -33.1067, -11.0709

Details

The XYZ color **37.2590, 51.5927, 74.3243** 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 **31.7713, 19.3569, 6.2009**, and the grayscale version is **35.7615, 37.6239, 40.9724**.

A 20% lighter version of the original color is **63.0159, 83.4858, 107.4008**, and **18.1665, 25.7555, 38.6642** is the 20% darker color. If you saturate the color by 10%, you get **35.9253, 50.4586, 74.1766**, and if you desaturate by 10%, it is **39.1374, 53.0133, 74.5005**.

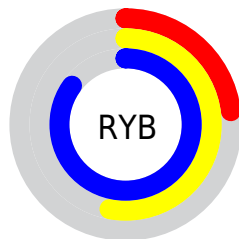
Distribution



Red (23%)

Green (82%)

Blue (85%)



Red (23%)

Yellow (53%)

Blue (85%)

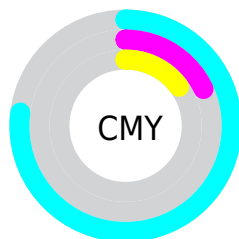


Cyan (73%)

Magenta (4%)

Yellow (0%)

Black (15%)



Cyan (77%)


Magenta (18%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2590, 51.5927, 74.3243 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 37.2590, 51.5927, 74.3243 by changing the saturation by 10% instead.


 37.2590, 51.5927,
74.3243


 37.2590, 51.5927,
74.3243


325.7666,
392.8622, 494.7852


 25.5827, 36.6805,
54.5611


 70.2822, 92.5303,
127.0937

 16.6427, 24.9602,
38.6542


 92.3598, 119.3245,
160.9370

 10.0738, 16.0474,
26.1851


 118.6352,
150.8481, 200.3108

 5.5106, 9.5577,
16.7351

 149.4737,
187.4857, 245.6335

 2.5876, 5.1067,
9.8859

185.2408,
229.6214, 297.3238

 0.9397, 2.3100,
5.2187

226.3017,

 0.0000, 0.7790,

277.6398, 355.8001

2.3152

273.0219,
331.9253, 421.4811

■ 0.0000, 0.0000,
0.7397

■ 0.0000, 0.0000,
0.0000

■ 37.2590, 51.5927,
74.3243

■ 37.2590, 51.5927,
74.3243

■ 35.9253, 50.4586,
74.1766

■ 39.1374, 53.0133,
74.5005

■ 35.0593, 49.5679,
74.0504


■ 41.6155, 54.7454,
74.7042


■ 34.6454, 49.0427,
73.9708


■ 44.7469, 56.8178,
74.9392


■ 48.5778, 59.2544,
75.2075

 53.1504, 62.0768,
75.5113

 58.5034, 65.3050,
75.8523

 64.6729, 68.9577,
76.2322

 71.6927, 73.0523,
76.6525

 79.5165, 77.5648,
77.1112

Harmonies

Analogous

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



36.3069, 51.5927, 52.1209



37.2590, 51.5927, 74.3243



41.2241, 51.5927, 95.6411

Triad

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



37.2590, 51.5927, 74.3243



61.3672, 51.5927, 83.3426



50.5030, 51.5927, 24.8218

Complementary

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



37.2590, 51.5927, 74.3243



31.7713, 19.3569, 6.2009

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.



57.7802, 51.5927, 29.4056



37.2590, 51.5927, 74.3243



64.4419, 51.5927, 60.4354

Square

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



37.2590, 51.5927, 74.3243



55.0211, 51.5927, 101.6907



63.0681, 51.5927, 41.2516



43.5039, 51.5927, 26.7877

Rectangle

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



37.2590, 51.5927, 74.3243



45.2733, 51.5927, 104.6466



63.0681, 51.5927, 41.2516



53.0044, 51.5927, 25.6025

Sweetspot

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



37.2606, 51.5946, 74.3255



76.3321, 88.8593, 107.7362



27.8880, 51.4785, 13.7705



15.9284, 18.7693, 23.0333



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.



37.2606, 51.5946, 74.3255



50.4445, 71.1880, 105.6897



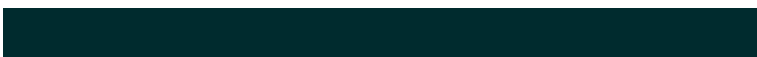
22.5163, 22.1060, 69.4108



13.3785, 14.6967, 16.7838



20.7831, 29.4357, 44.3247



1.3661, 1.9463, 2.8781

Inverse Universe

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



41.9874, 22.6383, 62.4803



57.7917, 28.6480, 86.7243



40.0529, 35.9201, 8.9615



13.5809, 13.2615, 16.3202



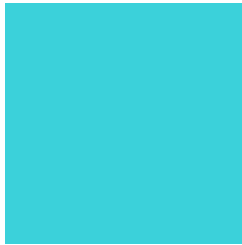
23.9857, 11.5953, 35.9002



1.5638, 0.7552, 2.3780

Previews

White Background



This preview shows how the XYZ color 37.2590, 51.5927, 74.3243 looks on a white background.

Color Contrast Check

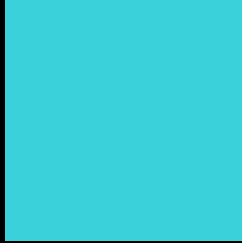
Large Text (above 18pt) WCAG AA × Fail

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 37.2590, 51.5927, 74.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

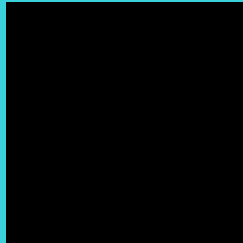
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

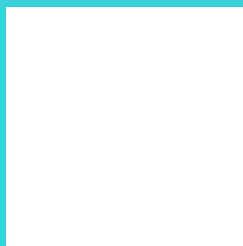
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.2590, 51.5927, 74.3243

Background



This preview shows how black text looks on a background with the XYZ color 37.2590, 51.5927, 74.3243.

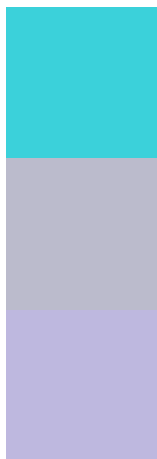


This preview shows how white text looks on a background with the XYZ color 37.2590, 51.5927,

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

37.2590, 51.5927, 74.3243

Protanopia

49.1629, 50.4651, 64.2763

Deuteranopia

51.6950, 50.5558, 76.8457



Tritanopia

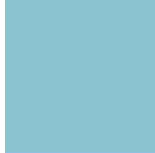
38.2608, 51.6380, 79.1847

Trichromacy



Original Color

37.2590, 51.5927, 74.3243



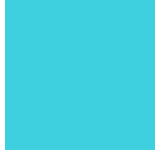
Protanomaly

41.8389, 49.2091, 67.6148



Deuteranomaly

43.2764, 49.1112, 75.6051



Tritanomaly

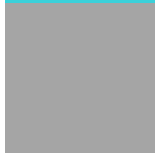
37.7273, 51.4098, 77.0419

Monochromacy



Original Color

37.2590, 51.5927, 74.3243



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

33.7798, 40.9441, 51.4700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2590, 51.5927, 74.3243 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(59, 209, 218)` looks like.

```
.text, #text, p{  
    color:rgb(59, 209, 218)  
}
```

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(59, 209, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 209, 218) }
```

Border

The CSS property to change the border of an element to XYZ 37.2590, 51.5927, 74.3243 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(59, 209, 218) }
```


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

```
.border{ border-color:rgb(59, 209, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 209, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 209, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 209, 218);  
box-shadow:4px 4px 4px 4px rgb(59, 209,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2590, 51.5927, 74.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 209, 218) }
```

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

```
.background{ background-color: rgb(59, 209,  
218) }
```

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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