

Converting Colors

XYZ(37.2460, 53.6247, 66.1451)

Have a look what the booklet for
XYZ(37.2460, 53.6247, 66.1451)
contains.

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Color

**XYZ(37.2460, 53.6247,
66.1451)**

Conversions

Conversions Part 1

Format	Color
Hex	41D6CD
RGB	65, 214, 205
RGB Percent	25%, 84%, 80%
CMY	0.7451, 0.1608, 0.1961
CMYK	0.70, 0.00, 0.04, 0.16
HSL	176°, 65%, 55%
HSV	176°, 70%, 84%
XYZ	37.2460, 53.6247, 66.1451
YIQ	168.4230, -85.9150, -34.3870

Conversions

Conversions Part 2

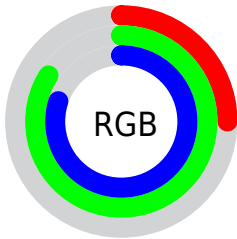
Format	Color
RYB	65, 142, 214
Decimal	4314829
CIELab	78.24, -40.33, -6.90
CIElCh	78, 40.913, 189.707
Yxy	53.6247, 0.2372, 0.3415
Android (android.graphics.Color)	4282504909 (0xFF41D6CD)
YUV	168.4230, 18.0325, -90.7020
Hunter-Lab	73.2289, -37.3611, -2.2944

Details

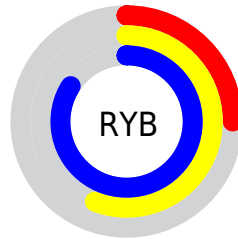
The XYZ color **37.2460, 53.6247, 66.1451** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **30.8597, 18.5728, 8.4389**, and the grayscale version is **37.3736, 39.3200, 42.8195**.

A 20% lighter version of the original color is **63.4829, 83.7265, 107.4227**, and **17.9841, 27.0306, 33.5477** is the 20% darker color. If you saturate the color by 10%, you get **35.9335, 52.9673, 65.2734**, and if you desaturate by 10%, it is **39.0993, 54.5632, 67.0512**.

Distribution



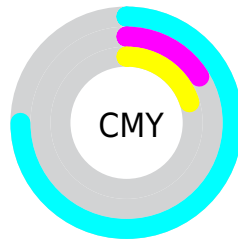
- Red (25%)
- Green (84%)
- Blue (80%)



- Red (25%)
- Yellow (56%)
- Blue (84%)



- Cyan (70%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (75%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2460, 53.6247, 66.1451 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 37.2460, 53.6247, 66.1451 by changing the saturation by 10% instead.

37.2460, 53.6247,
66.1451

37.2460, 53.6247,
66.1451

325.7114,
400.6773, 465.3140

25.5726, 38.3017,
47.9330

70.2623, 95.5230,
115.3236

16.6351, 26.2169,
33.4142

92.3360, 122.8670,
147.1270

10.0684, 16.9860,
22.1702

118.6070,
154.9869, 184.2979

5.5069, 10.2245,
13.7825

149.4409,
192.2670, 227.2548

2.5854, 5.5481,
7.8325

185.2029,
235.0917, 276.4164

0.9385, 2.5723,
3.9017

226.2584,

0.0000, 0.9128,

283.8453, 332.2011

1.5716

272.9728,
338.9124, 395.0274

■ 0.0000, 0.0000,
0.2704

■ 0.0000, 0.0000,
0.0000

■ 37.2460, 53.6247,
66.1451

■ 37.2460, 53.6247,
66.1451

■ 35.9335, 52.9673,
65.2734

■ 39.0993, 54.5632,
67.0512

■ 35.0928, 52.5517,
64.4294


■ 41.5431, 55.8048,
67.9905


■ 34.6145, 52.3228,
63.6089


■ 44.6264, 57.3759,
68.9665


■ 34.5987, 52.3153,
63.5782

■ 48.3922, 59.2986,
69.9812

 52.8794, 61.5932,
71.0365

 58.1244, 64.2782,
72.1340

 64.1606, 67.3710,
73.2755

 71.0200, 70.8880,
74.4622

 77.7647, 74.3457,
75.6505

Harmonies

Analogous

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



37.8458, 53.6247, 44.3886



37.2460, 53.6247, 66.1451



40.0152, 53.6247, 91.3411

Triad

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



37.2460, 53.6247, 66.1451



61.4540, 53.6247, 99.3163



56.4985, 53.6247, 26.0210

Complementary

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



37.2460, 53.6247, 66.1451



30.8597, 18.5728, 8.4389

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.



63.7581, 53.6247, 34.5005



37.2460, 53.6247, 66.1451



66.8206, 53.6247, 75.0593

Square

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



37.2460, 53.6247, 66.1451



53.6097, 53.6247, 113.5442



67.7053, 53.6247, 51.2627



48.4158, 53.6247, 24.8115

Rectangle

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



37.2460, 53.6247, 66.1451



43.5884, 53.6247, 105.3510



67.7053, 53.6247, 51.2627



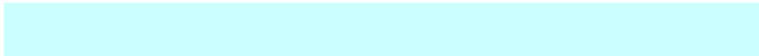
59.1382, 53.6247, 27.9848

Sweetspot

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



37.2476, 53.6267, 66.1464



77.5020, 91.0133, 105.3826



27.8989, 49.9700, 13.1772



16.1771, 19.2701, 22.4618



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.



37.2476, 53.6267, 66.1464



52.7023, 78.4016, 96.4060



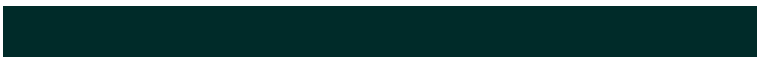
25.1357, 27.6135, 67.6256



12.7583, 14.0943, 15.8075



20.9260, 31.6258, 38.5018



1.2722, 1.9115, 2.3752

Inverse Universe

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



30.8597, 18.5728, 8.4389



42.6858, 23.0960, 5.6664



36.6129, 30.5304, 8.9657



12.4534, 12.4328, 13.0617



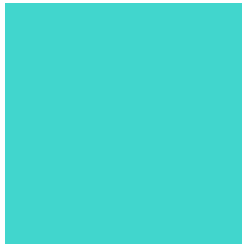
16.8185, 8.6637, 1.0822



1.0253, 0.5269, 0.1229

Previews

White Background



This preview shows how the XYZ color 37.2460, 53.6247, 66.1451 looks on a white background.

Color Contrast Check

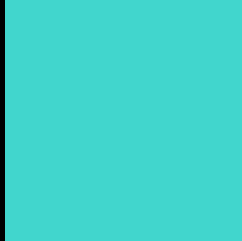
Large Text (above 18pt) WCAG AA × Fail

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 37.2460, 53.6247, 66.1451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

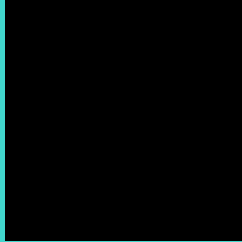
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

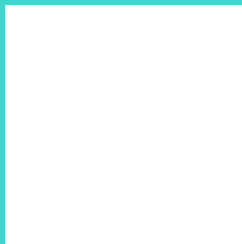
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.2460, 53.6247, 66.1451

Background



This preview shows how black text looks on a background with the XYZ color 37.2460, 53.6247, 66.1451.

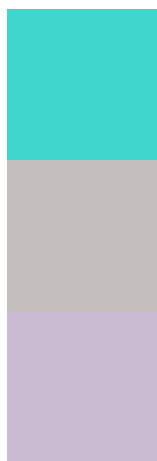


This preview shows how white text looks on a background with the XYZ color 37.2460, 53.6247,

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

37.2460, 53.6247, 66.1451

Protanopia

50.5404, 52.6253, 56.7841

Deuteranopia

53.8853, 52.8004, 68.9794



Tritanopia

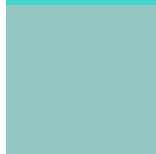
40.4397, 53.8097, 81.6537

Trichromacy



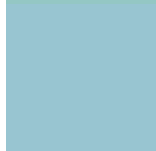
Original Color

37.2460, 53.6247, 66.1451



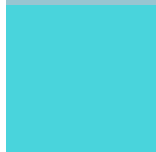
Protanomaly

42.6000, 51.1283, 59.8480



Deuteranomaly

44.4238, 51.2114, 67.8650



Tritanomaly

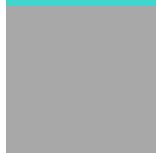
39.2094, 53.6707, 76.0031

Monochromacy



Original Color

37.2460, 53.6247, 66.1451



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

35.0495, 42.8594, 50.1415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2460, 53.6247, 66.1451 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(65, 214, 205)` looks like.

```
.text, #text, p{  
    color:rgb(65, 214, 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(65, 214, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 214, 205) }
```

Border

The CSS property to change the border of an element to XYZ 37.2460, 53.6247, 66.1451 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(65, 214, 205) }
```


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

```
.border{ border-color:rgb(65, 214, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 214, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 214, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 214, 205);  
box-shadow:4px 4px 4px 4px rgb(65, 214,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2460, 53.6247, 66.1451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 214, 205) }
```

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

```
.background{ background-color: rgb(65, 214,  
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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