

Converting Colors

XYZ(26.4576, 37.3851, 56.2760)

Have a look what the booklet for
XYZ(26.4576, 37.3851, 56.2760)
contains.

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Color

**XYZ(26.4412, 37.3513,
56.2680)**

Conversions

Conversions Part 1

Format	Color
Hex	07B6C1
RGB	7, 182, 193
RGB Percent	3%, 71%, 76%
CMY	0.9724, 0.2863, 0.2431
CMYK	0.96, 0.06, 0.00, 0.24
HSL	184°, 93%, 39%
HSV	184°, 96%, 76%
XYZ	26.4412, 37.3513, 56.2680
YIQ	130.9290, -107.8310, -33.6790

Conversions

Conversions Part 2

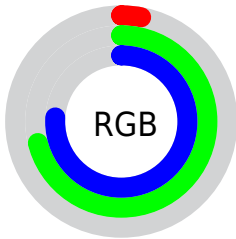
Format	Color
RYB	7, 97, 193
Decimal	505537
CIELab	67.54, -33.68, -16.46
CIELCh	68, 37.492, 206.045
Yxy	37.3513, 0.2202, 0.3111
Android (android.graphics.Color)	4278695617 (0xFF07B6C1)
YUV	130.9290, 30.6010, -108.6857
Hunter-Lab	61.1157, -29.7260, -11.8061

Details

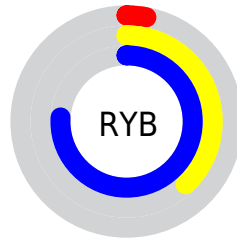
The XYZ color **26.4412, 37.3513, 56.2680** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **22.2481, 11.7869, 1.3047**, and the grayscale version is **21.4747, 22.5930, 24.6038**.

A 20% lighter version of the original color is **53.2669, 70.8722, 100.4948**, and **12.3794, 17.3024, 27.1133** is the 20% darker color. If you saturate the color by 10%, you get **26.2691, 37.1369, 56.2364**, and if you desaturate by 10%, it is **27.0237, 38.0009, 56.3634**.

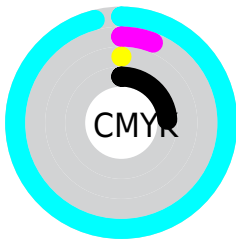
Distribution



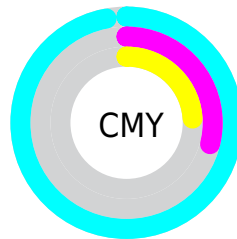
- Red (3%)
- Green (71%)
- Blue (76%)



- Red (3%)
- Yellow (38%)
- Blue (76%)



- Cyan (96%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (97%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4412, 37.3513, 56.2680 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 26.4412, 37.3513, 56.2680 by changing the saturation by 10% instead.

■ 26.4412, 37.3513,
56.2680

■ 26.4412, 37.3513,
56.2680

277.1584,
334.8290, 428.1174

■ 17.2884, 25.4796,
40.0124

■ 53.4121, 71.1128,
100.8860

■ 10.5369, 16.4347,
27.2344

■ 71.9609, 93.7713,
130.0855

■ 5.8214, 9.8323,
17.5153

■ 94.3725, 120.7943,
164.4367

■ 2.7764, 5.2879,
10.4367

■ 121.0121,
152.5660, 204.3582

■ 1.0366, 2.4172,
5.5801

■ 152.2451,
189.4710, 250.2684

■ 0.0000, 0.8347,
2.5269

188.4369,

■ 0.0000, 0.0000,

231.8935, 302.5860

0.8543

229.9529,
280.2181, 361.7295

■ 0.0000, 0.0000,
0.0000

■ 26.4412, 37.3513,
56.2680

■ 26.4412, 37.3513,
56.2680

■ 26.2691, 37.1369,
56.2364

■ 27.0237, 38.0009,
56.3634

■ 27.9363, 38.8226,
56.4739

■ 29.2403, 39.8490,
56.6033

■ 30.9825, 41.1041,
56.7537

■ 33.2030, 42.6087,
56.9271

■ 35.9372, 44.3810,
57.1251

■ 39.2174, 46.4376,
57.3492

■ 43.0731, 48.7937,
57.6007

■ 47.5317, 51.4636,
57.8811

Harmonies

Analogous

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



25.5479, 37.3513, 38.5178



26.4412, 37.3513, 56.2680



29.6608, 37.3513, 73.1091

Triad

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



26.4412, 37.3513, 56.2680



45.5167, 37.3513, 61.1116



36.2717, 37.3513, 16.5016

Complementary

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



26.4412, 37.3513, 56.2680



22.2481, 11.7869, 1.3047

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.



42.0622, 37.3513, 19.6047



26.4412, 37.3513, 56.2680



47.7529, 37.3513, 42.8993

Square

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



26.4412, 37.3513, 56.2680



40.5962, 37.3513, 76.3958



46.4254, 37.3513, 28.2579



30.8515, 37.3513, 18.2886

Rectangle

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



26.4412, 37.3513, 56.2680



32.8936, 37.3513, 79.9318



46.4254, 37.3513, 28.2579



38.2433, 37.3513, 16.9784

Sweetspot

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



26.4424, 37.3527, 56.2689



68.3074, 81.9702, 102.5819



19.2544, 38.2243, 6.8668



14.1147, 17.2468, 21.9703



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.4424, 37.3527, 56.2689



46.9822, 66.3810, 100.6969



13.4314, 11.3306, 51.9319



10.3159, 11.3231, 12.9267



17.4927, 24.7419, 37.4103



0.7716, 1.1005, 1.6216

Inverse Universe

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



30.5128, 14.8680, 45.5189



54.4012, 26.3106, 80.8990



27.5339, 22.3585, 3.0666



10.4707, 10.2369, 12.5695



20.2255, 9.7799, 30.1631



0.8818, 0.4257, 1.3451

Previews

White Background



This preview shows how the XYZ color 26.4412, 37.3513, 56.2680 looks on a white background.

Color Contrast Check

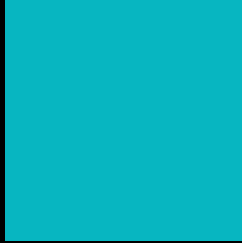
Large Text (above 18pt) WCAG AA × Fail

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 26.4412, 37.3513, 56.2680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

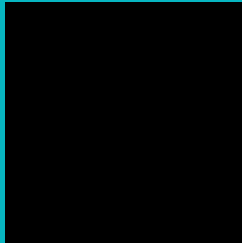
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

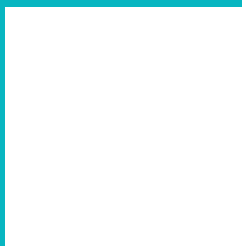
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4412, 37.3513, 56.2680

Background



This preview shows how black text looks on a background with the XYZ color 26.4412, 37.3513, 56.2680.



This preview shows how white text looks on a background with the XYZ color 26.4412, 37.3513,

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

26.4412, 37.3513, 56.2680

Protanopia

35.8565, 36.7130, 48.3765

Deuteranopia

37.6641, 36.9002, 58.5634



Tritanopia

26.7562, 37.1717, 57.9892

Trichromacy



Original Color

26.4412, 37.3513, 56.2680



Protanomaly

28.7706, 34.8820, 51.1155



Deuteranomaly

29.9103, 35.0550, 57.4144



Tritanomaly

26.5712, 37.0894, 57.3883

Monochromacy



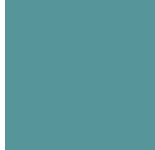
Original Color

26.4412, 37.3513, 56.2680



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

20.5768, 26.1242, 34.5298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4412, 37.3513, 56.2680 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(7, 182, 193)` looks like.

```
.text, #text, p{  
    color:rgb(7, 182, 193)  
}
```

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(7, 182, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 182, 193) }
```

Border

The CSS property to change the border of an element to XYZ 26.4412, 37.3513, 56.2680 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(7, 182, 193) }
```


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

```
.border{ border-color:rgb(7, 182, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 182, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 182, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 182, 193);  
box-shadow:4px 4px 4px 4px rgb(7, 182,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4412, 37.3513, 56.2680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 182, 193) }
```

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

```
.background{ background-color: rgb(7, 182,  
193) }
```

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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