

Converting Colors

XYZ(26.6626, 35.7525, 58.3585)

Have a look what the booklet for
XYZ(26.6626, 35.7525, 58.3585)
contains.

XYZ(26.5582, 35.5741, 58.2901)	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(26.5582, 35.5741,
58.2901)**

Conversions

Conversions Part 1

Format	Color
Hex	2AB0C5
RGB	42, 176, 197
RGB Percent	16%, 69%, 77%
CMY	0.8352, 0.3098, 0.2274
CMYK	0.79, 0.11, 0.00, 0.23
HSL	188°, 65%, 47%
HSV	188°, 79%, 77%
XYZ	26.5582, 35.5741, 58.2901
YIQ	138.3280, -86.6050, -21.8770

Conversions

Conversions Part 2

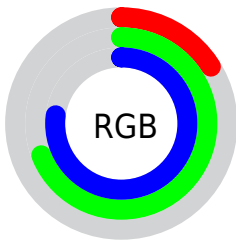
Format	Color
R_{YB}	42, 114, 197
Decimal	2797765
CIE _{Lab}	66.19, -27.40, -20.68
CIE _{LCh}	66, 34.330, 217.048
Yxy	35.5741, 0.2205, 0.2954
Android (android.graphics.Color)	4280987845 (0xFF2AB0C5)
YUV	138.3280, 28.9253, -84.4797
Hunter-Lab	59.6440, -24.8948, -16.1933

Details

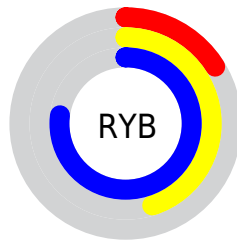
The XYZ color **26.5582, 35.5741, 58.2901** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **25.2225, 15.5940, 3.8722**, and the grayscale version is **24.2011, 25.4615, 27.7275**.

A 20% lighter version of the original color is **53.6854, 68.4464, 104.1479**, and **12.0409, 16.1491, 28.4691** is the 20% darker color. If you saturate the color by 10%, you get **25.4236, 34.2206, 58.0893**, and if you desaturate by 10%, it is **28.1011, 37.1548, 58.5146**.

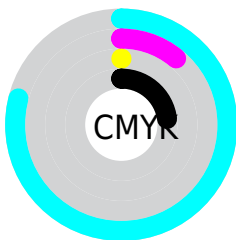
Distribution



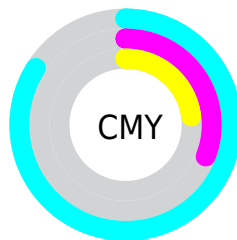
- Red (16%)
- Green (69%)
- Blue (77%)



- Red (16%)
- Yellow (45%)
- Blue (77%)



- Cyan (79%)
- Magenta (11%)
- Yellow (0%)
- Black (23%)



- Cyan (84%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5582, 35.5741, 58.2901 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 26.5582, 35.5741, 58.2901 by changing the saturation by 10% instead.

■ 26.5582, 35.5741,
58.2901

■ 26.5582, 35.5741,
58.2901

277.7183,
327.0952, 435.8944

■ 17.3766, 24.1054,
41.6257

■ 53.5990, 68.3742,
103.8641

■ 10.6003, 15.4119,
28.4849

■ 72.1889, 90.4744,
133.6108

■ 5.8641, 9.1089,
18.4493

■ 94.6456, 116.8873,
168.5554

■ 2.8025, 4.8123,
11.1003

■ 121.3344,
147.9972, 209.1163

■ 1.0502, 2.1376,
6.0193

■ 152.6207,
184.1886, 255.7121

■ 0.0000, 0.6856,
2.7878

188.8699,

■ 0.0000, 0.0000,

225.8457, 308.7614

0.9874

230.4473,
273.3531, 368.6826

■ 0.0000, 0.0000,
0.0000

■ 26.5582, 35.5741,
58.2901

■ 26.5582, 35.5741,
58.2901

■ 25.4236, 34.2206,
58.0893

■ 28.1011, 37.1548,
58.5146

■ 24.6104, 33.0473,
57.9057

■ 30.1002, 38.9853,
58.7625

■ 24.5112, 32.8972,
57.8820

■ 32.6001, 41.0895,
59.0369

■ 35.6394, 43.4872,
59.3395

■ 39.2525, 46.1964,
59.6720

■ 43.4714, 49.2335,
60.0359

■ 48.3252, 52.6138,
60.4325

■ 53.8414, 56.3514,
60.8632

■ 60.0458, 60.4598,
61.3292

Harmonies

Analogous

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



24.9652, 35.5741, 42.2920



26.5582, 35.5741, 58.2901



30.1222, 35.5741, 70.8682

Triad

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



26.5582, 35.5741, 58.2901



43.6949, 35.5741, 50.7812



32.6203, 35.5741, 16.9751

Complementary

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



26.5582, 35.5741, 58.2901



25.2225, 15.5940, 3.8722

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.



37.7917, 35.5741, 18.1650



26.5582, 35.5741, 58.2901



44.5353, 35.5741, 35.3816

Square

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



26.5582, 35.5741, 58.2901



40.0866, 35.5741, 65.8256



42.2795, 35.5741, 24.1290



28.2291, 35.5741, 20.3307

Rectangle

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



26.5582, 35.5741, 58.2901



33.3085, 35.5741, 74.1968



42.2795, 35.5741, 24.1290



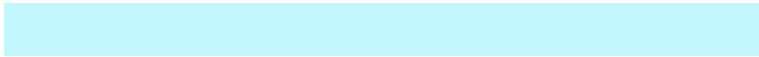
34.3208, 35.5741, 16.8741

Sweetspot

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



26.5593, 35.5754, 58.2910



73.4185, 85.0061, 107.1460



21.8101, 40.7808, 11.3775



15.1510, 17.7853, 22.8843



0.0000, 0.0000, 0.0000



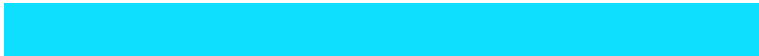
20.3446, 21.4041, 23.3091

Same Dimension

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



26.5593, 35.5754, 58.2910



44.5126, 59.8455, 103.8130



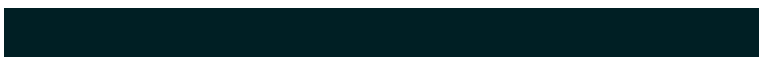
15.4804, 13.4175, 54.5980



10.8195, 11.8130, 13.6274



16.1668, 21.7275, 38.0861



0.8003, 1.0984, 1.8150

Inverse Universe

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



31.6914, 16.6620, 42.6213



54.6703, 26.9123, 71.7892



32.8476, 30.8442, 6.4139



11.0189, 10.7909, 13.0828



19.9596, 9.7334, 26.0607



0.9626, 0.4679, 1.3265

Previews

White Background



This preview shows how the XYZ color 26.5582, 35.5741, 58.2901 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 26.5582, 35.5741, 58.2901 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 26.5582, 35.5741, 58.2901

Background



This preview shows how black text looks on a background with the XYZ color 26.5582, 35.5741, 58.2901.

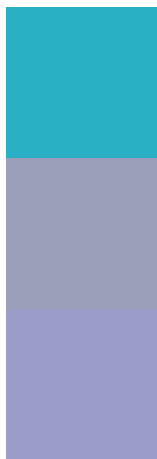


This preview shows how white text looks on a background with the XYZ color 26.5582, 35.5741,

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

26.5582, 35.5741, 58.2901

Protanopia

34.5014, 34.9251, 50.8217

Deuteranopia

35.9260, 35.2010, 60.1593



Tritanopia

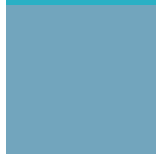
25.8537, 35.5809, 54.7954

Trichromacy



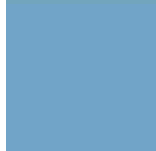
Original Color

26.5582, 35.5741, 58.2901



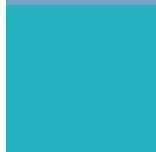
Protanomaly

29.5799, 34.1618, 53.1790



Deuteranomaly

30.5108, 34.2318, 59.6429



Tritanomaly

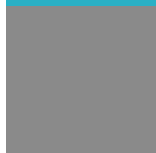
26.1471, 35.7066, 55.9660

Monochromacy



Original Color

26.5582, 35.5741, 58.2901



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

23.0798, 27.8432, 36.9587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5582, 35.5741, 58.2901 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(42, 176, 197)` looks like.

```
.text, #text, p{  
    color:rgb(42, 176, 197)  
}
```

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(42, 176, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 176, 197) }
```

Border

The CSS property to change the border of an element to XYZ 26.5582, 35.5741, 58.2901 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(42, 176, 197) }
```


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

```
.border{ border-color:rgb(42, 176, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 176, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 176, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 176, 197);  
box-shadow:4px 4px 4px 4px rgb(42, 176,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5582, 35.5741, 58.2901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 176, 197) }
```

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

```
.background{ background-color: rgb(42, 176,  
197) }
```

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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