

Converting Colors

XYZ(26.1350, 35.4465, 54.1796)

Have a look what the booklet for
XYZ(26.1350, 35.4465, 54.1796)
contains.

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Color

**XYZ(26.1350, 35.4465,
54.1796)**

Conversions

Conversions Part 1

Format	Color
Hex	32B0BE
RGB	50, 176, 190
RGB Percent	20%, 69%, 75%
CMY	0.8039, 0.3098, 0.2549
CMYK	0.74, 0.07, 0.00, 0.25
HSL	186°, 58%, 47%
HSV	186°, 74%, 75%
XYZ	26.1350, 35.4465, 54.1796
YIQ	139.9220, -79.5900, -22.3580

Conversions

Conversions Part 2

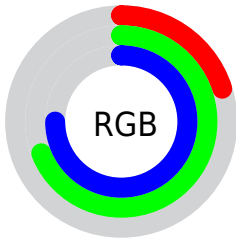
Format	Color
RYB	50, 116, 190
Decimal	3322046
CIELab	66.09, -28.72, -16.94
CIELCh	66, 33.346, 210.536
Yxy	35.4465, 0.2258, 0.3062
Android (android.graphics.Color)	4281512126 (0xFF32B0BE)
YUV	139.9220, 24.6885, -78.8616
Hunter-Lab	59.5370, -25.8334, -12.2790

Details

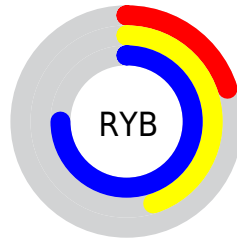
The XYZ color **26.1350, 35.4465, 54.1796** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **23.6453, 14.8454, 4.6379**, and the grayscale version is **24.8278, 26.1208, 28.4456**.

A 20% lighter version of the original color is **52.8273, 68.1490, 97.5586**, and **11.5983, 15.9721, 26.1385** is the 20% darker color. If you saturate the color by 10%, you get **25.0157, 34.3210, 54.0220**, and if you desaturate by 10%, it is **27.6503, 36.7853, 54.3588**.

Distribution



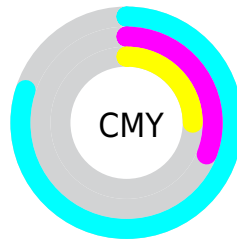
- Red (20%)
- Green (69%)
- Blue (75%)



- Red (20%)
- Yellow (45%)
- Blue (75%)



- Cyan (74%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (80%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1350, 35.4465, 54.1796 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 26.1350, 35.4465, 54.1796 by changing the saturation by 10% instead.

■ 26.1350, 35.4465,
54.1796

■ 26.1350, 35.4465,
54.1796

275.6887,
326.5348, 419.9885

■ 17.0579, 24.0070,
38.3511

■ 52.9224, 68.1769,
97.7970

■ 10.3713, 15.3388,
25.9514

■ 71.3634, 90.2366,
126.4229

■ 5.7100, 9.0575,
16.5618

■ 93.6564, 116.6052,
160.1518

■ 2.7085, 4.7787,
9.7639

■ 120.1667,
147.6670, 199.4021

■ 1.0016, 2.1180,
5.1392

■ 151.2598,
183.8065, 244.5923

■ 0.0000, 0.6747,
2.2690

187.3009,

■ 0.0000, 0.0000,

225.4080, 296.1411

0.7138

228.6554,
272.8560, 354.4670

■ 0.0000, 0.0000,
0.0000

■ 26.1350, 35.4465,
54.1796

■ 26.1350, 35.4465,
54.1796

■ 25.0157, 34.3210,
54.0220

■ 27.6503, 36.7853,
54.3588

■ 24.2373, 33.3783,
53.8811

■ 29.6013, 38.3558,
54.5591

■ 23.8576, 32.8443,
53.7980

■ 32.0261, 40.1783,
54.7831

■ 34.9581, 42.2701,
55.0323

■ 38.4275, 44.6469,
55.3082

■ 42.4622, 47.3229,
55.6121

■ 47.0880, 50.3117,
55.9452

■ 52.3293, 53.6256,
56.3086

■ 58.2090, 57.2767,
56.7034

Harmonies

Analogous

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



25.0359, 35.4465, 38.8509



26.1350, 35.4465, 54.1796



29.2197, 35.4465, 67.5497

Triad

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



26.1350, 35.4465, 54.1796



42.6826, 35.4465, 53.6275



33.6018, 35.4465, 17.2398

Complementary

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



26.1350, 35.4465, 54.1796



23.6453, 14.8454, 4.6379

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.



38.5963, 35.4465, 19.3838



26.1350, 35.4465, 54.1796



44.1407, 35.4465, 38.3407

Square

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



26.1350, 35.4465, 54.1796



38.7655, 35.4465, 67.1799



42.5784, 35.4465, 26.3287



29.0796, 35.4465, 19.5455

Rectangle

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



26.1350, 35.4465, 54.1796



32.1488, 35.4465, 72.2387



42.5784, 35.4465, 26.3287



35.2814, 35.4465, 17.4569

Sweetspot

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



26.1361, 35.4478, 54.1805



70.5427, 81.5155, 100.2952



20.5902, 37.8500, 10.7315



15.0814, 17.6245, 21.9923



92.9021, 97.7402, 106.4391



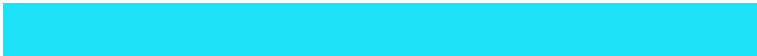
19.4759, 20.4902, 22.3138

Same Dimension

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



26.1361, 35.4478, 54.1805



44.4522, 61.1751, 97.7442



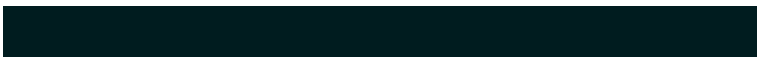
16.0087, 15.1930, 50.8047



9.7249, 10.6420, 12.2138



15.8965, 21.9047, 35.7831



0.6465, 0.9057, 1.4096

Inverse Universe

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



30.2132, 16.3640, 42.6418



52.6080, 26.2186, 73.9406



30.0182, 27.5912, 6.7622



9.8877, 9.6794, 11.7978



19.0246, 9.2410, 26.4867



0.7572, 0.3668, 1.1009

Previews

White Background



This preview shows how the XYZ color 26.1350, 35.4465, 54.1796 looks on a white background.

Color Contrast Check

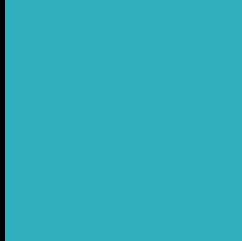
Large Text (above 18pt) WCAG AA × Fail

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 26.1350, 35.4465, 54.1796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

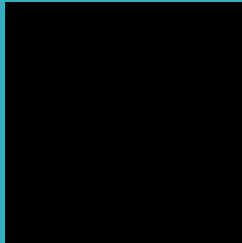
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.1350, 35.4465, 54.1796

Background



This preview shows how black text looks on a background with the XYZ color 26.1350, 35.4465, 54.1796.

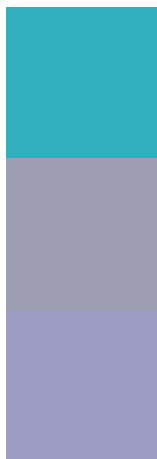


This preview shows how white text looks on a background with the XYZ color 26.1350, 35.4465,

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

26.1350, 35.4465, 54.1796

Protanopia

34.1674, 34.8362, 47.0427

Deuteranopia

35.5307, 34.8401, 55.8911



Tritanopia

26.1350, 35.4465, 54.1796

Trichromacy



Original Color

26.1350, 35.4465, 54.1796



Protanomaly

29.3698, 34.1392, 49.2975



Deuteranomaly

30.1940, 33.8962, 55.4033



Tritanomaly

26.1350, 35.4465, 54.1796

Monochromacy



Original Color

26.1350, 35.4465, 54.1796



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

23.6262, 28.3769, 36.5798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1350, 35.4465, 54.1796 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(50, 176, 190)` looks like.

```
.text, #text, p{  
    color:rgb(50, 176, 190)  
}
```

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(50, 176, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 176, 190) }
```

Border

The CSS property to change the border of an element to XYZ 26.1350, 35.4465, 54.1796 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(50, 176, 190) }
```


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

```
.border{ border-color:rgb(50, 176, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 176, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 176, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 176, 190);  
box-shadow:4px 4px 4px 4px rgb(50, 176,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1350, 35.4465, 54.1796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 176, 190) }
```

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

```
.background{ background-color: rgb(50, 176,  
190) }
```

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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