

Converting Colors

XYZ(26.5116, 35.5410, 32.2335)

Have a look what the booklet for
XYZ(26.5116, 35.5410, 32.2335)
contains.

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Color

**XYZ(26.5536, 35.5676,
32.2538)**

Conversions

Conversions Part 1

Format	Color
Hex	6DAE91
RGB	109, 174, 145
RGB Percent	43%, 68%, 57%
CMY	0.5725, 0.3176, 0.4314
CMYK	0.37, 0.00, 0.17, 0.32
HSL	153°, 29%, 55%
HSV	153°, 37%, 68%
XYZ	26.5536, 35.5676, 32.2538
YIQ	151.2590, -29.4310, -22.7990

Conversions

Conversions Part 2

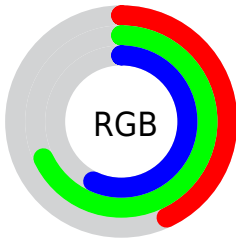
Format	Color
RYB	109, 151, 174
Decimal	7188113
CIELab	66.19, -27.40, 8.38
CIELCh	66, 28.650, 162.990
Yxy	35.5676, 0.2814, 0.3769
Android (android.graphics.Color)	4285378193 (0xFF6DAE91)
YUV	151.2590, -3.0857, -37.0611
Hunter-Lab	59.6386, -24.8918, 9.6817

Details

The XYZ color **26.5536, 35.5676, 32.2538** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.5129, 21.7719, 26.7986**, and the grayscale version is **29.5490, 31.0878, 33.8546**.

A 20% lighter version of the original color is **53.7099, 68.5037, 64.4246**, and **10.5903, 15.3708, 13.2352** is the 20% darker color. If you saturate the color by 10%, you get **24.0431, 34.3412, 29.1178**, and if you desaturate by 10%, it is **29.5307, 37.0318, 35.6268**.

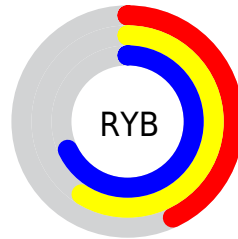
Distribution



Red (43%)

Green (68%)

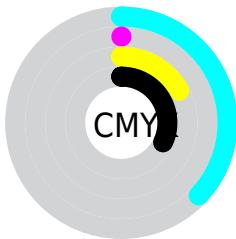
Blue (57%)



Red (43%)

Yellow (59%)

Blue (68%)

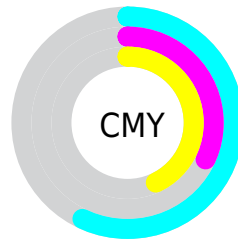


Cyan (37%)

Magenta (0%)

Yellow (17%)

Black (32%)



Cyan (57%)


Magenta (32%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5536, 35.5676, 32.2538 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 26.5536, 35.5676, 32.2538 by changing the saturation by 10% instead.


 26.5536, 35.5676,
32.2538


 26.5536, 35.5676,
32.2538


277.6963,
327.0666, 326.8021


 17.3731, 24.1004,
21.2890


 53.5917, 68.3641,
64.3113


 10.5978, 15.4081,
13.1421


 72.1799, 90.4623,
86.2410

 5.8624, 9.1063,
7.3946


 94.6348, 116.8729,
112.6629

 2.8014, 4.8106,
3.6279

 121.3217,
147.9804, 143.9953

 1.0496, 2.1366,
1.4235

152.6060,
184.1691, 180.6569

 0.0000, 0.6851,
0.1600

188.8529,

 0.0000, 0.0000,

225.8235, 223.0662

0.0000

230.4279,
273.3278, 271.6418

■ 26.5536, 35.5676,
32.2538

■ 26.5536, 35.5676,
32.2538

■ 24.0431, 34.3412,
29.1178

■ 29.5307, 37.0318,
35.6268

■ 21.9703, 33.3348,
26.2109

■ 32.9954, 38.7415,
39.2395

■ 20.3077, 32.5353,
23.5282

■ 36.9708, 40.7096,
43.0978

■ 19.0229, 31.9262,
21.0636

■ 41.4776, 42.9467,
47.2067

■ 18.0786, 31.4883,
18.8108

■ 46.5354, 45.4627,
51.5707

■ 17.4187, 31.1928,
16.7623

■ 52.1629, 48.2673,
56.1944

■ 17.2649, 31.1246,
16.2529

■ 58.3777, 51.3694,
61.0824

■ 65.1967, 54.7776,
66.2389

■ 68.6262, 56.4331,
71.4805

Harmonies

Analogous

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



28.5159, 35.5676, 23.9606



26.5536, 35.5676, 32.2538



26.4270, 35.5676, 44.2509

Triad

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



26.5536, 35.5676, 32.2538



35.6834, 35.5676, 66.4216



40.1674, 35.5676, 24.8165

Complementary

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



26.5536, 35.5676, 32.2538



27.5129, 21.7719, 26.7986

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.



42.4445, 35.5676, 33.6832



26.5536, 35.5676, 32.2538



39.7128, 35.5676, 58.5758

Square

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



26.5536, 35.5676, 32.2538



31.4629, 35.5676, 65.8124



42.2714, 35.5676, 46.0132



36.2625, 35.5676, 20.3276

Rectangle

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



26.5536, 35.5676, 32.2538



27.3825, 35.5676, 52.9771



42.2714, 35.5676, 46.0132



41.1628, 35.5676, 27.2932

Sweetspot

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



26.5546, 35.5691, 32.2546



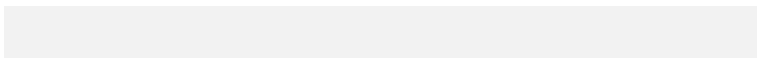
64.1789, 72.4135, 75.4326



28.4202, 36.8023, 20.0743



14.0511, 15.9890, 16.5593



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.5546, 35.5691, 32.2546



44.2669, 62.6094, 53.6743



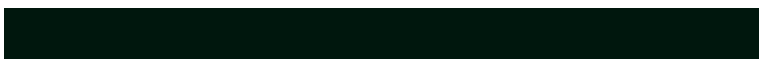
28.4636, 35.3401, 45.3671



8.0831, 9.0108, 9.4628



12.5521, 22.5861, 11.9472



0.3762, 0.6391, 0.4746

Inverse Universe

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



27.5129, 21.7719, 26.7986



46.2665, 33.8621, 42.3210



26.0388, 21.7473, 17.2939



8.1482, 8.0725, 9.0911



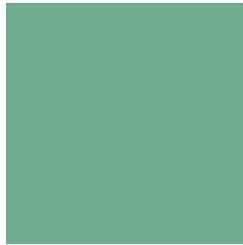
13.6776, 6.9336, 5.9476



0.4083, 0.2040, 0.3119

Previews

White Background



This preview shows how the XYZ color 26.5536, 35.5676, 32.2538 looks on a white background.

Color Contrast Check

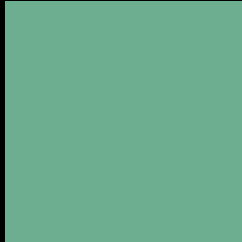
Large Text (above 18pt) WCAG AA × Fail

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 26.5536, 35.5676, 32.2538 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 26.5536, 35.5676, 32.2538

Background



This preview shows how black text looks on a background with the XYZ color 26.5536, 35.5676, 32.2538.

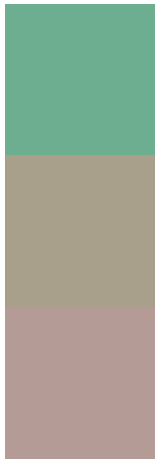


This preview shows how white text looks on a background with the XYZ color 26.5536, 35.5676,

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

26.5536, 35.5676, 32.2538

Protanopia

33.3067, 35.3014, 29.1032

Deuteranopia

35.9686, 35.3159, 33.3547



Tritanopia

30.1027, 35.6049, 49.5418

Trichromacy



Original Color

26.5536, 35.5676, 32.2538

Protanomaly

30.2955, 35.0364, 30.3653

Deuteranomaly

31.5921, 34.8488, 33.0784

Tritanomaly

28.7946, 35.6352, 42.8968

Monochromacy



Original Color

26.5536, 35.5676, 32.2538

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.9763, 32.2004, 33.1746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5536, 35.5676, 32.2538 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(109, 174, 145)` looks like.

```
.text, #text, p{  
    color:rgb(109, 174, 145)  
}
```

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(109, 174, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 174, 145) }
```

Border

The CSS property to change the border of an element to XYZ 26.5536, 35.5676, 32.2538 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(109, 174, 145) }
```


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

```
.border{ border-color:rgb(109, 174, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 174, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 174, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 174, 145);  
box-shadow:4px 4px 4px 4px rgb(109, 174,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5536, 35.5676, 32.2538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 174, 145) }
```

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

```
.background{ background-color: rgb(109,  
174, 145) }
```

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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