

Converting Colors

XYZ(26.1527, 35.1855, 30.4366)

Have a look what the booklet for
XYZ(26.1527, 35.1855, 30.4366)
contains.

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Color

**XYZ(26.1817, 35.1252,
30.5992)**

Conversions

Conversions Part 1

Format	Color
Hex	6EAD8D
RGB	110, 173, 141
RGB Percent	43%, 68%, 55%
CMY	0.5686, 0.3216, 0.4471
CMYK	0.36, 0.00, 0.18, 0.32
HSL	150°, 28%, 55%
HSV	150°, 36%, 68%
XYZ	26.1817, 35.1252, 30.5992
YIQ	150.5150, -27.2760, -23.3080

Conversions

Conversions Part 2

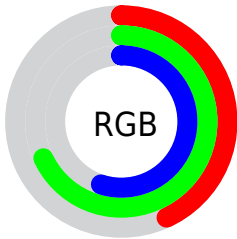
Format	Color
RYB	110, 152, 173
Decimal	7253389
CIELab	65.85, -27.46, 10.11
CIELCh	66, 29.258, 159.782
Yxy	35.1252, 0.2849, 0.3822
Android (android.graphics.Color)	4285443469 (0xFF6EAD8D)
YUV	150.5150, -4.6909, -35.5317
Hunter-Lab	59.2665, -24.8619, 10.8752

Details

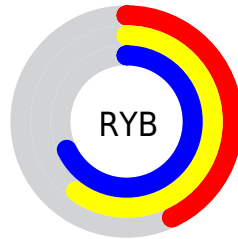
The XYZ color **26.1817, 35.1252, 30.5992** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.6932, 21.9900, 28.3775**, and the grayscale version is **29.2368, 30.7594, 33.4970**.

A 20% lighter version of the original color is **53.1795, 67.8713, 61.9274**, and **10.3497, 15.0878, 12.2643** is the 20% darker color. If you saturate the color by 10%, you get **23.6077, 33.8718, 27.2002**, and if you desaturate by 10%, it is **29.2297, 36.6189, 34.2928**.

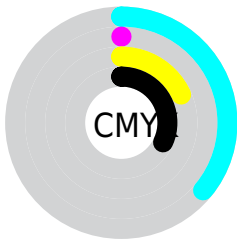
Distribution



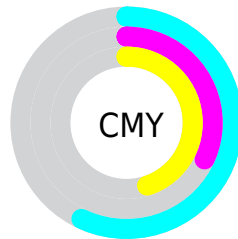
- Red (43%)
- Green (68%)
- Blue (55%)



- Red (43%)
- Yellow (60%)
- Blue (68%)



- Cyan (36%)
- Magenta (0%)
- Yellow (18%)
- Black (32%)



- Cyan (57%)
- Magenta (32%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1817, 35.1252, 30.5992 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 26.1817, 35.1252, 30.5992 by changing the saturation by 10% instead.

■ 26.1817, 35.1252,
30.5992

■ 26.1817, 35.1252,
30.5992

275.9133,
325.1206, 318.9814

■ 17.0930, 23.7593,
20.0379

■ 52.9971, 67.6797,
61.6807

■ 10.3965, 15.1552,
12.2383

■ 71.4546, 89.6371,
83.0379

■ 5.7269, 8.9284,
6.7817

■ 93.7657, 115.8938,
108.8310

■ 2.7188, 4.6945,
3.2496

■ 120.2958,
146.8342, 139.4783

■ 1.0069, 2.0691,
1.2234

151.4103,
182.8427, 175.3985

■ 0.0000, 0.6472,
0.0000

187.4744,

■ 0.0000, 0.0000,

224.3036, 217.0100

0.0000

228.8536,
271.6015, 264.7315

■ 26.1817, 35.1252,
30.5992

■ 26.1817, 35.1252,
30.5992

■ 23.6077, 33.8718,
27.2002

■ 29.2297, 36.6189,
34.2928

■ 21.4792, 32.8412,
24.0859

■ 32.7727, 38.3606,
38.2858

■ 19.7687, 32.0205,
21.2493

■ 36.8336, 40.3631,
42.5858

■ 18.4445, 31.3932,
18.6823

■ 41.4332, 42.6370,
47.1995

■ 17.4697, 30.9408,
16.3760

■ 46.5910, 45.1921,
52.1332

■ 16.7947, 30.6375,
14.3208

■ 52.3256, 48.0379,
57.3934

■ 16.5889, 30.5463,
13.6422

■ 58.6547, 51.1834,
62.9859

■ 65.5952, 54.6373,
68.9166

■ 69.1146, 56.3206,
75.0019

Harmonies

Analogous

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



28.3475, 35.1252, 22.7222



26.1817, 35.1252, 30.5992



25.8506, 35.1252, 42.4313

Triad

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



26.1817, 35.1252, 30.5992



34.8167, 35.1252, 66.8046



40.1842, 35.1252, 24.9536

Complementary

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



26.1817, 35.1252, 30.5992



27.6932, 21.9900, 28.3775

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.



42.2583, 35.1252, 34.3442



26.1817, 35.1252, 30.5992



38.9875, 35.1252, 59.5943

Square

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



26.1817, 35.1252, 30.5992



30.5963, 35.1252, 65.1935



41.8024, 35.1252, 47.0697



36.3391, 35.1252, 19.9837

Rectangle

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



26.1817, 35.1252, 30.5992



26.6826, 35.1252, 51.3201



41.8024, 35.1252, 47.0697



41.1261, 35.1252, 27.6044

Sweetspot

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



26.1827, 35.1266, 30.6000



62.3731, 70.5134, 72.5189



29.0092, 36.8140, 20.3292



13.3508, 15.2234, 15.5431



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.1827, 35.1266, 30.6000



42.9821, 61.0023, 49.6798



28.8167, 36.1803, 44.4709



8.0626, 9.0026, 9.3546



12.2153, 22.4514, 10.1733



0.3675, 0.6357, 0.4289

Inverse Universe

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



27.6932, 21.9900, 28.3775



46.1010, 33.8746, 45.0883



25.6825, 21.1857, 17.7895



8.1686, 8.0807, 9.1987



13.9799, 7.0545, 7.5394



0.4165, 0.2073, 0.3550

Previews

White Background



This preview shows how the XYZ color 26.1817, 35.1252, 30.5992 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 26.1817, 35.1252, 30.5992 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 26.1817, 35.1252, 30.5992

Background



This preview shows how black text looks on a background with the XYZ color 26.1817, 35.1252, 30.5992.



This preview shows how white text looks on a background with the XYZ color 26.1817, 35.1252,

30.5992.

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

26.1817, 35.1252, 30.5992

Protanopia

32.8497, 34.8423, 27.5481

Deuteranopia

35.4888, 34.8588, 31.6460



Tritanopia

29.7670, 34.8956, 48.8827

Trichromacy



Original Color

26.1817, 35.1252, 30.5992

Protanomaly

29.8234, 34.5601, 28.7658

Deuteranomaly

31.2965, 34.4719, 31.3898

Tritanomaly

28.2734, 34.8421, 41.3114

Monochromacy



Original Color

26.1817, 35.1252, 30.5992

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.8179, 32.1371, 32.3407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1817, 35.1252, 30.5992 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(110, 173, 141)` looks like.

```
.text, #text, p{  
    color:rgb(110, 173, 141)  
}
```

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(110, 173, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 173, 141) }
```

Border

The CSS property to change the border of an element to XYZ 26.1817, 35.1252, 30.5992 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(110, 173, 141) }
```


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

```
.border{ border-color:rgb(110, 173, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 173, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 173, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 173, 141);  
box-shadow:4px 4px 4px 4px rgb(110, 173,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1817, 35.1252, 30.5992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 173, 141) }
```

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

```
.background{ background-color: rgb(110,  
173, 141) }
```

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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