

Converting Colors

XYZ(26.3392, 33.1097, 25.0813)

Have a look what the booklet for
XYZ(26.3392, 33.1097, 25.0813)
contains.

XYZ(26.3392, 33.1097, 25.0813)	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(26.3392, 33.1097,
25.0813)**

Conversions

Conversions Part 1

Format	Color
Hex	81A57F
RGB	129, 165, 127
RGB Percent	51%, 65%, 50%
CMY	0.4941, 0.3529, 0.5020
CMYK	0.22, 0.00, 0.23, 0.35
HSL	117°, 17%, 57%
HSV	117°, 23%, 65%
XYZ	26.3392, 33.1097, 25.0813
YIQ	149.9040, -9.2580, -19.4500

Conversions

Conversions Part 2

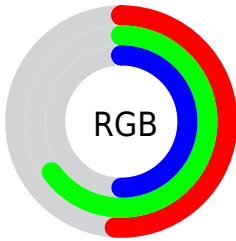
Format	Color
RYB	127, 165, 163
Decimal	8496511
CIELab	64.25, -19.92, 15.76
CIELCh	64, 25.403, 141.654
Yxy	33.1097, 0.3116, 0.3917
Android (android.graphics.Color)	4286686591 (0xFF81A57F)
YUV	149.9040, -11.2917, -18.3328
Hunter-Lab	57.5410, -18.9891, 14.4351

Details

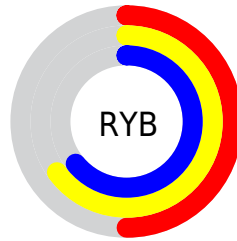
The XYZ color **26.3392, 33.1097, 25.0813** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.4865, 25.6828, 39.0022**, and the grayscale version is **28.9986, 30.5088, 33.2241**.

A 20% lighter version of the original color is **53.1228, 64.4268, 52.8158**, and **10.5047, 14.0226, 9.3607** is the 20% darker color. If you saturate the color by 10%, you get **23.1552, 31.5835, 19.7712**, and if you desaturate by 10%, it is **30.0644, 34.8964, 31.3375**.

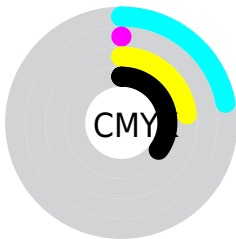
Distribution



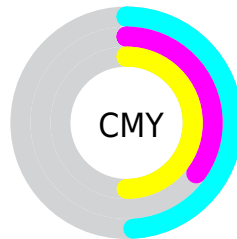
- Red (51%)
- Green (65%)
- Blue (50%)



- Red (50%)
- Yellow (65%)
- Blue (64%)



- Cyan (22%)
- Magenta (0%)
- Yellow (23%)
- Black (35%)



- Cyan (49%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3392, 33.1097, 25.0813 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 26.3392, 33.1097, 25.0813 by changing the saturation by 10% instead.

■ 26.3392, 33.1097,
25.0813

■ 26.3392, 33.1097,
25.0813

276.6695,
316.1438, 291.7032

■ 17.2116, 22.2105,
15.9181

■ 53.2491, 64.5468,
52.7548

■ 10.4817, 14.0117,
9.3125

■ 71.7620, 85.8534,
72.1022

■ 5.7842, 8.1288,
4.8460

■ 94.1341, 111.3980,
95.6814

■ 2.7537, 4.1775,
2.1000

120.7308,
141.5649, 123.9109

■ 1.0249, 1.7733,
0.6158

151.9173,
176.7385, 157.2093

■ 0.0000, 0.4705,
0.0000

188.0590,

■ 0.0000, 0.0000,

217.3033, 195.9951

0.0000

229.5213,
263.6436, 240.6869

■ 26.3392, 33.1097,
25.0813

■ 26.3392, 33.1097,
25.0813

■ 23.1552, 31.5835,
19.7712

■ 30.0644, 34.8964,
31.3375

■ 20.4848, 30.3018,
15.3590

■ 34.3515, 36.9507,
38.5804

■ 18.3019, 29.2530,
11.7960

■ 39.2234, 39.2842,
46.8509

■ 16.5768, 28.4232,
9.0274

■ 44.7011, 41.9071,
56.1867

■ 15.2771, 27.7968,
6.9926

■ 50.8042, 44.8287,
66.6240

■ 14.3656, 27.3564,
5.6217

■ 57.5517, 48.0580,
78.1970

■ 13.7990, 27.0812,
4.8319

■ 64.9618, 51.6037,
90.9385

■ 13.5644, 26.9676,
4.4903

■ 72.4002, 55.2134,
101.4491

■ 72.7458, 55.3915,
101.4653

Harmonies

Analogous

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



28.9801, 33.1097, 20.5653



26.3392, 33.1097, 25.0813



25.0961, 33.1097, 33.2446

Triad

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



26.3392, 33.1097, 25.0813



30.4740, 33.1097, 59.4826



38.3639, 33.1097, 29.2089

Complementary

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



26.3392, 33.1097, 25.0813



29.4865, 25.6828, 39.0022

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.



38.8404, 33.1097, 39.0107



26.3392, 33.1097, 25.0813



34.0982, 33.1097, 57.8351

Square

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



26.3392, 33.1097, 25.0813



27.3612, 33.1097, 53.9743



37.2268, 33.1097, 49.8270



35.9704, 33.1097, 22.6123

Rectangle

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



26.3392, 33.1097, 25.0813



25.1559, 33.1097, 40.2125



37.2268, 33.1097, 49.8270



38.7605, 33.1097, 32.1867

Sweetspot

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



26.3401, 33.1111, 25.0820



58.2480, 64.6062, 63.5586



32.3519, 35.5386, 25.2337



12.6417, 14.0799, 13.7388



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.3401, 33.1111, 25.0820



43.9275, 57.7414, 39.4997



27.2020, 33.4211, 31.1905



7.0185, 7.9120, 7.5373



10.2747, 20.4073, 3.3975



0.2256, 0.4338, 0.0718

Inverse Universe

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



29.4865, 25.6828, 39.0022



50.6324, 41.9059, 69.1724



28.4952, 25.3340, 31.6280



7.3273, 7.1831, 8.9034



15.5699, 7.4330, 27.5439



0.3375, 0.1615, 0.5792

Previews

White Background



This preview shows how the XYZ color 26.3392, 33.1097, 25.0813 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 26.3392, 33.1097, 25.0813 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 26.3392, 33.1097, 25.0813

Background



This preview shows how black text looks on a background with the XYZ color 26.3392, 33.1097, 25.0813.



This preview shows how white text looks on a background with the XYZ color 26.3392, 33.1097,

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

26.3392, 33.1097, 25.0813

Protanopia

30.7512, 32.8472, 23.1317

Deuteranopia

33.3671, 32.6903, 25.6703



Tritanopia

30.1611, 33.0932, 43.8277

Trichromacy



Original Color

26.3392, 33.1097, 25.0813

Protanomaly

28.9851, 32.9269, 23.8966

Deuteranomaly

30.3817, 32.6047, 25.4609

Tritanomaly

28.5771, 32.9584, 36.3079

Monochromacy



Original Color

26.3392, 33.1097, 25.0813

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.7592, 31.1465, 30.1400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3392, 33.1097, 25.0813 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(129, 165, 127)` looks like.

```
.text, #text, p{  
    color:rgb(129, 165, 127)  
}
```

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(129, 165, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 165, 127) }
```

Border

The CSS property to change the border of an element to XYZ 26.3392, 33.1097, 25.0813 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(129, 165, 127) }
```


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

```
.border{ border-color:rgb(129, 165, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 165, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 165, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 165, 127);  
box-shadow:4px 4px 4px 4px rgb(129, 165,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3392, 33.1097, 25.0813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 165, 127) }
```

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

```
.background{ background-color: rgb(129,  
165, 127) }
```

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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