

Converting Colors

XYZ(25.1967, 32.8299, 16.8798)

Have a look what the booklet for
XYZ(25.1967, 32.8299, 16.8798)
contains.

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Color

**XYZ(25.0673, 32.6364,
16.7826)**

Conversions

Conversions Part 1

Format	Color
Hex	83A563
RGB	131, 165, 99
RGB Percent	51%, 65%, 39%
CMY	0.4863, 0.3529, 0.6118
CMYK	0.21, 0.00, 0.40, 0.35
HSL	91°, 27%, 52%
HSV	91°, 40%, 65%
XYZ	25.0673, 32.6364, 16.7826
YIQ	147.3100, 0.9220, -27.7340

Conversions

Conversions Part 2

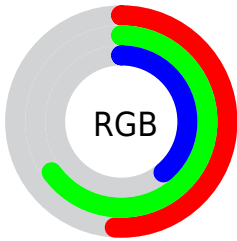
Format	Color
RYB	99, 165, 133
Decimal	8627555
CIELab	63.87, -23.60, 30.47
CIElCh	64, 38.538, 127.764
Yxy	32.6364, 0.3365, 0.4382
Android (android.graphics.Color)	4286817635 (0xFF83A563)
YUV	147.3100, -23.8168, -14.3039
Hunter-Lab	57.1283, -21.6505, 22.5721

Details

The XYZ color **25.0673, 32.6364, 16.7826** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.9276, 16.6277, 37.7056**, and the grayscale version is **27.9575, 29.4135, 32.0313**.

A 20% lighter version of the original color is **51.1867, 63.7351, 38.8824**, and **9.8109, 13.7547, 5.2698** is the 20% darker color. If you saturate the color by 10%, you get **23.0949, 31.7026, 12.9850**, and if you desaturate by 10%, it is **27.3106, 33.6932, 21.4356**.

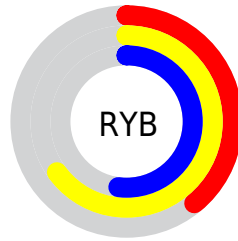
Distribution



Red (51%)

Green (65%)

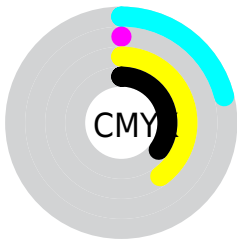
Blue (39%)



Red (39%)

Yellow (65%)

Blue (52%)

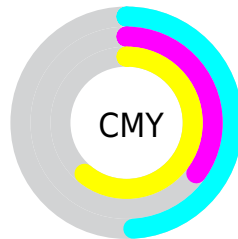


Cyan (21%)

Magenta (0%)

Yellow (40%)

Black (35%)



Cyan (49%)


Magenta (35%)

Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0673, 32.6364, 16.7826 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 25.0673, 32.6364, 16.7826 by changing the saturation by 10% instead.


 25.0673, 32.6364,
16.7826


 25.0673, 32.6364,
16.7826


270.5144,
314.0081, 245.9178


 16.2562, 21.8481,
9.9193


 51.2085, 63.8074,
38.7371


 9.7976, 13.7453,
5.2406


 69.2693, 84.9589,
54.6654

 5.3262, 7.9437,
2.3279


 91.1440, 110.3336,
74.4525

 2.4766, 4.0590,
0.7468

 117.1981,
140.3158, 98.5168

 0.8835, 1.7066,
0.0000

147.7968,
175.2900, 127.2770

 0.0000, 0.4279,
0.0000

183.3055,

 0.0000, 0.0000,

215.6405, 161.1515

0.0000

224.0896,
261.7517, 200.5589

■ 25.0673, 32.6364,
16.7826

■ 25.0673, 32.6364,
16.7826

■ 23.0949, 31.7026,
12.9850

■ 27.3106, 33.6932,
21.4356

■ 21.3784, 30.8823,
9.9885

■ 29.8339, 34.8737,
26.9896

■ 19.9051, 30.1711,
7.7359


■ 32.6488, 36.1839,
33.4895


■ 18.6597, 29.5626,
6.1615


■ 35.7654, 37.6281,
40.9768

■ 17.6247, 29.0495,
5.1882


■ 39.1934, 39.2104,
49.4901

 16.7637, 28.6169,
4.6401

 42.9420, 40.9348,
59.0664

 47.0198, 42.8049,
69.7405

 51.4353, 44.8245,
81.5459

 56.1966, 46.9969,
94.5144

Harmonies

Analogous

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



29.6337, 32.6364, 13.4131



25.0673, 32.6364, 16.7826



22.3415, 32.6364, 25.3985

Triad

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



25.0673, 32.6364, 16.7826



27.2422, 32.6364, 70.9249



42.5296, 32.6364, 31.6553

Complementary

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



25.0673, 32.6364, 16.7826



20.9276, 16.6277, 37.7056

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.



41.6968, 32.6364, 48.0640



25.0673, 32.6364, 16.7826



32.4487, 32.6364, 74.0535

Square

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



25.0673, 32.6364, 16.7826



23.4915, 32.6364, 57.1181



37.8473, 32.6364, 64.7253



40.0060, 32.6364, 20.2164

Rectangle

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



25.0673, 32.6364, 16.7826



21.7310, 32.6364, 34.3841



37.8473, 32.6364, 64.7253



42.6378, 32.6364, 36.7123

Sweetspot

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



25.0681, 32.6378, 16.7833



57.3039, 64.2583, 57.2406



26.0217, 25.4039, 15.3368



12.3912, 13.9846, 12.1957



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.



25.0681, 32.6378, 16.7833



41.7320, 56.9516, 23.9433



20.8538, 30.4653, 16.5861



7.2971, 8.0556, 7.5504



12.7386, 21.6775, 3.5128



0.3222, 0.4836, 0.0764

Inverse Universe

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



20.9276, 16.6277, 37.7056



33.2726, 24.2484, 66.6791



26.7717, 19.6405, 37.9791



7.0322, 7.0309, 8.8895



8.0304, 3.5463, 27.1910



0.2231, 0.1025, 0.5739

Previews

White Background



This preview shows how the XYZ color 25.0673, 32.6364, 16.7826 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 25.0673, 32.6364, 16.7826 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 25.0673, 32.6364, 16.7826

Background



This preview shows how black text looks on a background with the XYZ color 25.0673, 32.6364, 16.7826.



This preview shows how white text looks on a background with the XYZ color 25.0673, 32.6364,

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

25.0673, 32.6364, 16.7826

Protanopia

29.7696, 32.2623, 15.4847

Deuteranopia

33.0457, 32.4734, 17.3583



Tritanopia

30.2029, 32.6412, 42.2446

Trichromacy



Original Color

25.0673, 32.6364, 16.7826

Protanomaly

27.8557, 32.2668, 15.8263

Deuteranomaly

29.4709, 32.0698, 17.2072

Tritanomaly

27.9214, 32.4736, 31.1820

Monochromacy



Original Color

25.0673, 32.6364, 16.7826

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.5694, 30.3856, 25.5838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0673, 32.6364, 16.7826 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(131, 165, 99)` looks like.

```
.text, #text, p{  
    color:rgb(131, 165, 99)  
}
```

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(131, 165, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 165, 99) }
```

Border

The CSS property to change the border of an element to XYZ 25.0673, 32.6364, 16.7826 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(131, 165, 99) }
```


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

```
.border{ border-color:rgb(131, 165, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 165, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 165, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 165, 99);  
box-shadow:4px 4px 4px 4px rgb(131, 165,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0673, 32.6364, 16.7826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 165, 99) }
```

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

```
.background{ background-color: rgb(131,  
165, 99) }
```

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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