

Converting Colors

XYZ(25.5524, 32.6087, 17.2600)

Have a look what the booklet for
XYZ(25.5524, 32.6087, 17.2600)
contains.

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Color

**XYZ(25.6161, 32.6414,
17.2622)**

Conversions

Conversions Part 1

Format	Color
Hex	87A465
RGB	135, 164, 101
RGB Percent	53%, 64%, 40%
CMY	0.4706, 0.3568, 0.6039
CMYK	0.18, 0.00, 0.38, 0.36
HSL	88°, 26%, 52%
HSV	88°, 38%, 64%
XYZ	25.6161, 32.6414, 17.2622
YIQ	148.1470, 2.9390, -25.7410

Conversions

Conversions Part 2

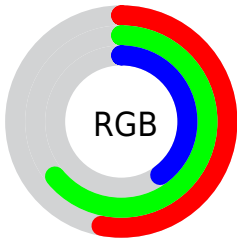
Format	Color
RYB	101, 164, 130
Decimal	8889445
CIELab	63.87, -21.30, 29.46
CIElCh	64, 36.352, 125.861
Yxy	32.6414, 0.3392, 0.4322
Android (android.graphics.Color)	4287079525 (0xFF87A465)
YUV	148.1470, -23.2435, -11.5299
Hunter-Lab	57.1327, -19.9496, 22.0788

Details

The XYZ color **25.6161, 32.6414, 17.2622** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.5618, 16.7344, 37.2701**, and the grayscale version is **28.3035, 29.7775, 32.4277**.

A 20% lighter version of the original color is **52.0676, 63.7818, 39.7039**, and **10.0929, 13.7302, 5.4864** is the 20% darker color. If you saturate the color by 10%, you get **23.7197, 31.7485, 13.3894**, and if you desaturate by 10%, it is **27.7607, 33.6457, 21.9850**.

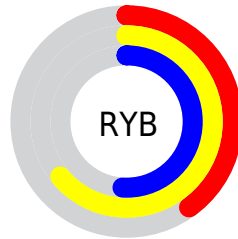
Distribution



Red (53%)

Green (64%)

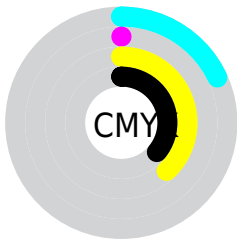
Blue (40%)



Red (40%)

Yellow (64%)

Blue (51%)

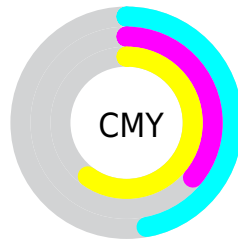


Cyan (18%)

Magenta (0%)

Yellow (38%)

Black (36%)



Cyan (47%)

Magenta (36%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6161, 32.6414, 17.2622 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 25.6161, 32.6414, 17.2622 by changing the saturation by 10% instead.

■ 25.6161, 32.6414,
17.2622

■ 25.6161, 32.6414,
17.2622

273.1838,
314.0308, 248.7738

■ 16.6678, 21.8519,
10.2577

■ 52.0907, 63.8153,
39.5729

■ 10.0918, 13.7481,
5.4623

■ 70.3477, 84.9684,
55.7161

■ 5.5226, 7.9457,
2.4575

■ 92.4384, 110.3448,
75.7426

■ 2.5949, 4.0602,
0.8175

■ 118.7281,
140.3290, 100.0710

■ 0.9434, 1.7073,
0.0000

149.5821,
175.3053, 129.1197

■ 0.0000, 0.4284,
0.0000

185.3658,

■ 0.0000, 0.0000,

215.6581, 163.3074

0.0000

226.4446,
261.7718, 203.0526

■ 25.6161, 32.6414,
17.2622

■ 25.6161, 32.6414,
17.2622

■ 23.7197, 31.7485,
13.3894

■ 27.7607, 33.6457,
21.9850

■ 22.0576, 30.9580,
10.3140

■ 30.1616, 34.7616,
27.6021

■ 20.6182, 30.2662,
7.9806

■ 32.8294, 35.9945,
34.1572


■ 19.3877, 29.6672,
6.3259


■ 35.7734, 37.3485,
41.6907


■ 18.3501, 29.1545,
5.2763


■ 39.0022, 38.8272,
50.2405


 17.4777, 28.7166,
4.6963

 42.5244, 40.4340,
59.8424

 17.3485, 28.6516,
4.6160

 46.3478, 42.1724,
70.5305

 50.4801, 44.0457,
82.3376

 54.9287, 46.0568,
95.2948

Harmonies

Analogous

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



30.0319, 32.6414, 14.2508



25.6161, 32.6414, 17.2622



22.8926, 32.6414, 25.2284

Triad

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



25.6161, 32.6414, 17.2622



27.1766, 32.6414, 67.9103



41.8640, 32.6414, 32.7435

Complementary

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



25.6161, 32.6414, 17.2622



20.5618, 16.7344, 37.2701

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.



40.8851, 32.6414, 48.3387



25.6161, 32.6414, 17.2622



32.0391, 32.6414, 71.5362

Square

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



25.6161, 32.6414, 17.2622



23.7219, 32.6414, 54.7109



37.1455, 32.6414, 63.5800



39.6906, 32.6414, 21.4707

Rectangle

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



25.6161, 32.6414, 17.2622



22.2185, 32.6414, 33.5479



37.1455, 32.6414, 63.5800



41.8955, 32.6414, 37.6114

Sweetspot

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



25.6169, 32.6428, 17.2629



57.6844, 64.4545, 57.2584



25.5565, 24.6261, 15.7187



12.4819, 14.0314, 12.2000



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.



25.6169, 32.6428, 17.2629



43.5582, 57.8650, 25.2952



21.3518, 30.4441, 17.0633



7.3335, 8.0744, 7.5521



13.3568, 21.9962, 3.5417



0.3345, 0.4899, 0.0769

Inverse Universe

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



20.5618, 16.7344, 37.2701



33.0739, 24.8596, 66.8075



26.0235, 19.5500, 37.5257



6.9958, 7.0122, 8.8878



7.4466, 3.2454, 27.1637



0.2108, 0.0962, 0.5733

Previews

White Background



This preview shows how the XYZ color 25.6161, 32.6414, 17.2622 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 25.6161, 32.6414, 17.2622 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 25.6161, 32.6414, 17.2622

Background



This preview shows how black text looks on a background with the XYZ color 25.6161, 32.6414, 17.2622.



This preview shows how white text looks on a background with the XYZ color 25.6161, 32.6414,

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

25.6161, 32.6414, 17.2622

Protanopia

29.8617, 32.2991, 15.9697

Deuteranopia

33.1473, 32.5140, 17.8934



Tritanopia

30.6334, 32.6238, 41.7283

Trichromacy



Original Color

25.6161, 32.6414, 17.2622

Protanomaly

28.1418, 32.4035, 16.3265

Deuteranomaly

29.9906, 32.3262, 17.7556

Tritanomaly

28.4167, 32.4726, 31.1557

Monochromacy



Original Color

25.6161, 32.6414, 17.2622

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.9800, 30.5895, 25.9551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6161, 32.6414, 17.2622 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(135, 164, 101)` looks like.

```
.text, #text, p{  
    color:rgb(135, 164, 101)  
}
```

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(135, 164, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 164, 101) }
```

Border

The CSS property to change the border of an element to XYZ 25.6161, 32.6414, 17.2622 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(135, 164, 101) }
```


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

```
.border{ border-color:rgb(135, 164, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 164, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 164, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 164, 101);  
box-shadow:4px 4px 4px 4px rgb(135, 164,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6161, 32.6414, 17.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 164, 101) }
```

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

```
.background{ background-color: rgb(135,  
164, 101) }
```

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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