

Converting Colors

XYZ(26.2472, 32.5002, 26.3625)

Have a look what the booklet for
XYZ(26.2472, 32.5002, 26.3625)
contains.

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Color

**XYZ(26.2472, 32.5002,
26.3625)**

Conversions

Conversions Part 1

Format	Color
Hex	81A383
RGB	129, 163, 131
RGB Percent	51%, 64%, 51%
CMY	0.4941, 0.3608, 0.4863
CMYK	0.21, 0.00, 0.20, 0.36
HSL	124°, 16%, 57%
HSV	124°, 21%, 64%
XYZ	26.2472, 32.5002, 26.3625
YIQ	149.1860, -9.9920, -17.1600

Conversions

Conversions Part 2

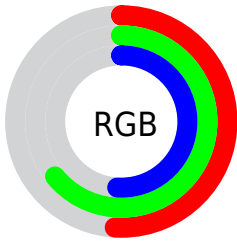
Format	Color
RYB	129, 161, 163
Decimal	8496003
CIELab	63.75, -18.17, 12.85
CIELCh	64, 22.255, 144.721
Yxy	32.5002, 0.3084, 0.3819
Android (android.graphics.Color)	4286686083 (0xFF81A383)
YUV	149.1860, -8.9657, -17.7031
Hunter-Lab	57.0089, -17.5834, 12.4889

Details

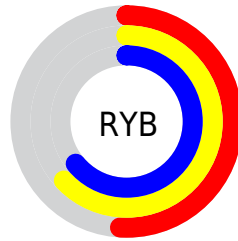
The XYZ color **26.2472, 32.5002, 26.3625** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.3887, 26.0610, 37.2011**, and the grayscale version is **28.6857, 30.1795, 32.8655**.

A 20% lighter version of the original color is **53.0145, 63.5486, 54.8193**, and **10.4319, 13.6403, 10.0657** is the 20% darker color. If you saturate the color by 10%, you get **23.0021, 30.9396, 21.1791**, and if you desaturate by 10%, it is **30.0431, 34.3288, 32.3768**.

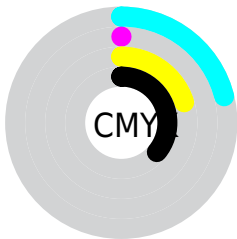
Distribution



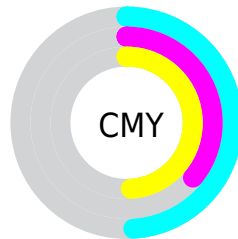
- Red (51%)
- Green (64%)
- Blue (51%)



- Red (51%)
- Yellow (63%)
- Blue (64%)



- Cyan (21%)
- Magenta (0%)
- Yellow (20%)
- Black (36%)



- Cyan (49%)
- Magenta (36%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2472, 32.5002, 26.3625 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 26.2472, 32.5002, 26.3625 by changing the saturation by 10% instead.

■ 26.2472, 32.5002,
26.3625

■ 26.2472, 32.5002,
26.3625

276.2280,
313.3916, 298.2190

■ 17.1423, 21.7438,
16.8668

■ 53.1019, 63.5944,
54.8504

■ 10.4319, 13.6688,
9.9786

■ 71.5825, 84.7011,
74.6797

■ 5.7507, 7.8907,
5.2794

■ 93.9190, 110.0266,
98.7907

■ 2.7333, 4.0251,
2.3505

120.4768,
139.9555, 127.6018

■ 1.0144, 1.6876,
0.7593

151.6212,
174.8720, 161.5317

■ 0.0000, 0.4156,
0.0000

187.7177,

■ 0.0000, 0.0000,

215.1606, 200.9988

0.0000

229.1315,
261.2056, 246.4217

■ 26.2472, 32.5002,
26.3625

■ 26.2472, 32.5002,
26.3625

■ 23.0021, 30.9396,
21.1791

■ 30.0431, 34.3288,
32.3768

■ 20.2796, 29.6305,
16.7880

■ 34.4109, 36.4328,
39.2540

■ 18.0533, 28.5610,
13.1508

■ 39.3738, 38.8244,
47.0271

■ 16.2932, 27.7165,
10.2253

■ 44.9531, 41.5139,
55.7264

■ 14.9660, 27.0810,
7.9647

■ 51.1689, 44.5109,
65.3813

■ 14.0343, 26.6362,
6.3170

■ 58.0404, 47.8250,
76.0195

■ 13.4540, 26.3607,
5.2221

■ 65.5859, 51.4648,
87.6678

■ 13.1504, 26.2166,
4.6426

■ 72.1845, 54.5943,
100.2752

■ 72.3878, 54.6756,
101.3459

Harmonies

Analogous

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



28.4489, 32.5002, 21.9622



26.2472, 32.5002, 26.3625



25.2934, 32.5002, 33.8298

Triad

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



26.2472, 32.5002, 26.3625



30.3418, 32.5002, 55.4012



36.6667, 32.5002, 28.6772

Complementary

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



26.2472, 32.5002, 26.3625



29.3887, 26.0610, 37.2011

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.



37.2577, 32.5002, 36.9917



26.2472, 32.5002, 26.3625



33.4679, 32.5002, 53.4010

Square

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



26.2472, 32.5002, 26.3625



27.5534, 32.5002, 51.3481



36.0514, 32.5002, 46.2670



34.4866, 32.5002, 23.1326

Rectangle

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



26.2472, 32.5002, 26.3625



25.4438, 32.5002, 39.9353



36.0514, 32.5002, 46.2670



37.0637, 32.5002, 31.1982

Sweetspot

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



26.2481, 32.5016, 26.3632



57.3863, 63.2036, 63.6337



31.8195, 35.3893, 25.9230



12.7822, 14.1439, 14.1241



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.



26.2481, 32.5016, 26.3632



44.2104, 56.8596, 42.7575



27.4730, 32.9916, 32.8137



7.0017, 7.9015, 7.6206



10.2258, 20.3767, 3.6397



0.2196, 0.4301, 0.1016

Inverse Universe

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



29.3887, 26.0610, 37.2011



50.8550, 43.2317, 65.6859



28.0126, 25.5106, 29.9544



7.3463, 7.1950, 8.8098



16.2398, 7.8520, 24.2513



0.3463, 0.1670, 0.5361

Previews

White Background



This preview shows how the XYZ color 26.2472, 32.5002, 26.3625 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 26.2472, 32.5002, 26.3625 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 26.2472, 32.5002, 26.3625

Background



This preview shows how black text looks on a background with the XYZ color 26.2472, 32.5002, 26.3625.



This preview shows how white text looks on a background with the XYZ color 26.2472, 32.5002,

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

26.2472, 32.5002, 26.3625

Protanopia

30.4258, 32.4041, 24.3897

Deuteranopia

32.7975, 32.1311, 27.0276



Tritanopia

29.6359, 32.5902, 42.7588

Trichromacy



Original Color

26.2472, 32.5002, 26.3625

Protanomaly

28.7158, 32.2518, 25.1338

Deuteranomaly

29.9229, 31.8468, 26.7602

Tritanomaly

28.2444, 32.5285, 36.2425

Monochromacy



Original Color

26.2472, 32.5002, 26.3625

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.5934, 30.8150, 30.0847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2472, 32.5002, 26.3625 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, 163, 131)` looks like.

```
.text, #text, p{  
    color:rgb(129, 163, 131)  
}
```

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, 163, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 163, 131) }
```

Border

The CSS property to change the border of an element to XYZ 26.2472, 32.5002, 26.3625 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, 163, 131) }
```


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

```
.border{ border-color:rgb(129, 163, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 163, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 163, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 163, 131);  
box-shadow:4px 4px 4px 4px rgb(129, 163,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2472, 32.5002, 26.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 163, 131) }
```

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

```
.background{ background-color: rgb(129,  
163, 131) }
```

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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