

Converting Colors

XYZ(25.8243, 32.0913, 18.6277)

Have a look what the booklet for
XYZ(25.8243, 32.0913, 18.6277)
contains.

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Color

**XYZ(25.8907, 32.2206,
18.7645)**

Conversions

Conversions Part 1

Format	Color
Hex	89A26B
RGB	137, 162, 107
RGB Percent	54%, 64%, 42%
CMY	0.4627, 0.3647, 0.5804
CMYK	0.15, 0.00, 0.34, 0.36
HSL	87°, 23%, 53%
HSV	87°, 34%, 64%
XYZ	25.8907, 32.2206, 18.7645
YIQ	148.2550, 2.7550, -22.4050

Conversions

Conversions Part 2

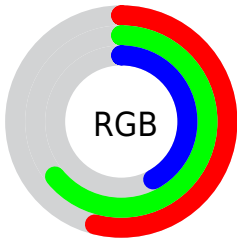
Format	Color
RYB	107, 162, 132
Decimal	9020011
CIELab	63.52, -18.66, 25.81
CIELCh	64, 31.851, 125.862
Yxy	32.2206, 0.3368, 0.4191
Android (android.graphics.Color)	4287210091 (0xFF89A26B)
YUV	148.2550, -20.3387, -9.8706
Hunter-Lab	56.7632, -17.9186, 20.1344

Details

The XYZ color **25.8907, 32.2206, 18.7645** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.2963, 18.0305, 36.5421**, and the grayscale version is **28.3370, 29.8127, 32.4661**.

A 20% lighter version of the original color is **52.5567, 63.2053, 42.2307**, and **10.2031, 13.4461, 6.1953** is the 20% darker color. If you saturate the color by 10%, you get **23.9509, 31.3110, 14.6339**, and if you desaturate by 10%, it is **28.0743, 33.2394, 23.7414**.

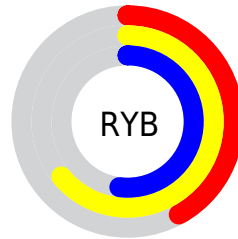
Distribution



Red (54%)

Green (64%)

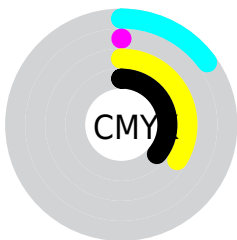
Blue (42%)



Red (42%)

Yellow (64%)

Blue (52%)

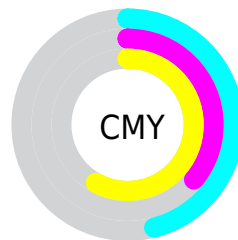


Cyan (15%)

Magenta (0%)

Yellow (34%)

Black (36%)



Cyan (46%)

Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8907, 32.2206, 18.7645 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 25.8907, 32.2206, 18.7645 by changing the saturation by 10% instead.

■ 25.8907, 32.2206,
18.7645

■ 25.8907, 32.2206,
18.7645

274.5117,
312.1229, 257.5248

■ 16.8741, 21.5301,
11.3251

■ 52.5311, 63.1568,
42.1672

■ 10.2395, 13.5120,
6.1691

■ 70.8857, 84.1712,
58.9676

■ 5.6216, 7.7820,
2.8777

■ 93.0837, 109.3956,
79.7254

■ 2.6548, 3.9558,
1.0325

■ 119.4904,
139.2146, 104.8592

■ 0.9740, 1.6489,
0.0000

150.4712,
174.0124, 134.7875

■ 0.0000, 0.3902,
0.0000

186.3914,

■ 0.0000, 0.0000,

214.1735, 169.9288

0.0000

227.6165,
260.0822, 210.7018

■ 25.8907, 32.2206,
18.7645

■ 25.8907, 32.2206,
18.7645

■ 23.9509, 31.3110,
14.6339

■ 28.0743, 33.2394,
23.7414

■ 22.2419, 30.5020,
11.3004

■ 30.5090, 34.3672,
29.6061

■ 20.7529, 29.7901,
8.7129

■ 33.2049, 35.6095,
36.3996

■ 19.4713, 29.1702,
6.8135

■ 36.1707, 36.9697,
44.1601

■ 18.3826, 28.6361,
5.5357

■ 39.4147, 38.4514,
52.9235

■ 17.4700, 28.1809,
4.8001

■ 42.9447, 40.0580,
62.7236

■ 16.9795, 27.9343,
4.4969

■ 46.7683, 41.7925,
73.5931

■ 50.8928, 43.6580,
85.5628

■ 55.3250, 45.6576,
98.6627

Harmonies

Analogous

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



29.7610, 32.2206, 15.9486



25.8907, 32.2206, 18.7645



23.4760, 32.2206, 26.0043

Triad

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



25.8907, 32.2206, 18.7645



27.2646, 32.2206, 62.4586



39.9263, 32.2206, 32.6443

Complementary

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



25.8907, 32.2206, 18.7645



21.2963, 18.0305, 36.5421

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.



39.0946, 32.2206, 46.0608



25.8907, 32.2206, 18.7645



31.5050, 32.2206, 65.4577

Square

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



25.8907, 32.2206, 18.7645



24.2140, 32.2206, 51.4439



35.9032, 32.2206, 58.8618



38.0775, 32.2206, 22.6202

Rectangle

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



25.8907, 32.2206, 18.7645



22.8747, 32.2206, 33.3480



35.9032, 32.2206, 58.8618



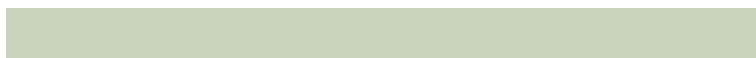
39.9530, 32.2206, 36.8766

Sweetspot

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



25.8915, 32.2220, 18.7652



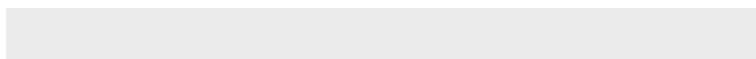
57.1683, 63.2116, 58.1816



25.7728, 25.1789, 17.4120



12.6954, 14.1305, 12.7064



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.



25.8915, 32.2220, 18.7652



44.2073, 57.1831, 28.0672



21.9745, 30.2027, 18.5819



7.3374, 8.0764, 7.5523



13.4263, 22.0320, 3.5450



0.3357, 0.4906, 0.0770

Inverse Universe

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



21.2963, 18.0305, 36.5421



34.5335, 27.2978, 65.5050



26.1283, 20.5214, 36.7682



6.9920, 7.0102, 8.8877



7.3897, 3.2160, 27.1611



0.2095, 0.0955, 0.5733

Previews

White Background



This preview shows how the XYZ color 25.8907, 32.2206, 18.7645 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 25.8907, 32.2206, 18.7645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

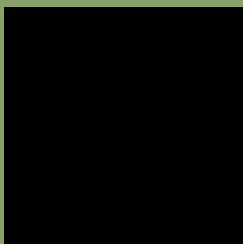
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

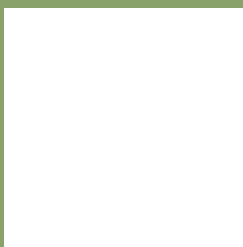
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8907, 32.2206, 18.7645

Background



This preview shows how black text looks on a background with the XYZ color 25.8907, 32.2206, 18.7645.



This preview shows how white text looks on a background with the XYZ color 25.8907, 32.2206,

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

25.8907, 32.2206, 18.7645

Protanopia

29.5653, 31.8687, 17.4250

Deuteranopia

32.5396, 31.9383, 19.2015



Tritanopia

30.5505, 32.3437, 41.1920

Trichromacy



Original Color

25.8907, 32.2206, 18.7645

Protanomaly

27.9047, 31.7450, 17.7534

Deuteranomaly

29.7144, 31.6676, 19.0143

Tritanomaly

28.6654, 32.3377, 31.5190

Monochromacy



Original Color

25.8907, 32.2206, 18.7645

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.1265, 30.4052, 26.6294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8907, 32.2206, 18.7645 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(137, 162, 107)` looks like.

```
.text, #text, p{  
    color:rgb(137, 162, 107)  
}
```

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(137, 162, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 162, 107) }
```

Border

The CSS property to change the border of an element to XYZ 25.8907, 32.2206, 18.7645 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(137, 162, 107) }
```


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

```
.border{ border-color:rgb(137, 162, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 162, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 162, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 162, 107);  
box-shadow:4px 4px 4px 4px rgb(137, 162,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8907, 32.2206, 18.7645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 162, 107) }
```

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

```
.background{ background-color: rgb(137,  
162, 107) }
```

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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