

Converting Colors

XYZ(26.4371, 32.0099, 29.2495)

Have a look what the booklet for
XYZ(26.4371, 32.0099, 29.2495)
contains.

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Color

**XYZ(26.4583, 32.0209,
29.2123)**

Conversions

Conversions Part 1

Format	Color
Hex	81A18B
RGB	129, 161, 139
RGB Percent	51%, 63%, 55%
CMY	0.4941, 0.3686, 0.4549
CMYK	0.20, 0.00, 0.14, 0.37
HSL	139°, 15%, 57%
HSV	139°, 20%, 63%
XYZ	26.4583, 32.0209, 29.2123
YIQ	148.9240, -12.0100, -13.6260

Conversions

Conversions Part 2

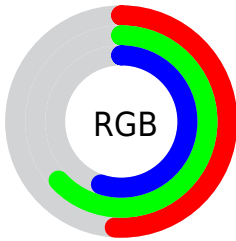
Format	Color
RYB	129, 153, 161
Decimal	8495499
CIELab	63.36, -15.60, 7.84
CIELCh	63, 17.456, 153.330
Yxy	32.0209, 0.3017, 0.3652
Android (android.graphics.Color)	4286685579 (0xFF81A18B)
YUV	148.9240, -4.8925, -17.4733
Hunter-Lab	56.5870, -15.5663, 9.0032

Details

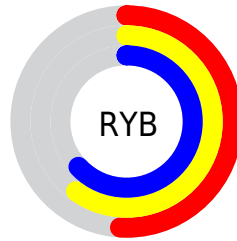
The XYZ color **26.4583, 32.0209, 29.2123** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.1352, 25.5127, 32.7210**, and the grayscale version is **28.5593, 30.0466, 32.7208**.

A 20% lighter version of the original color is **53.3617, 62.8626, 59.1904**, and **10.4963, 13.3208, 11.4692** is the 20% darker color. If you saturate the color by 10%, you get **23.4346, 30.5518, 25.0607**, and if you desaturate by 10%, it is **29.9511, 33.7242, 33.8148**.

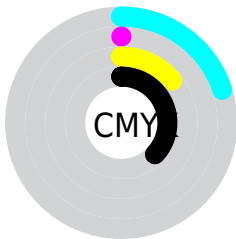
Distribution



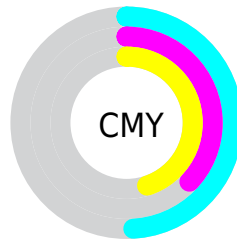
- Red (51%)
- Green (63%)
- Blue (55%)



- Red (51%)
- Yellow (60%)
- Blue (63%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (37%)



- Cyan (49%)
- Magenta (37%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4583, 32.0209, 29.2123 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 26.4583, 32.0209, 29.2123 by changing the saturation by 10% instead.

■ 26.4583, 32.0209,
29.2123

■ 26.4583, 32.0209,
29.2123

277.2403,
311.2144, 312.3076

■ 17.3013, 21.3775,
18.9945

■ 53.4394, 62.8439,
59.4604

■ 10.5462, 13.4002,
11.4895

■ 71.9943, 83.7922,
80.3278

■ 5.8276, 7.7047,
6.2788

■ 94.4124, 108.9442,
105.5822

■ 2.7802, 3.9066,
2.9438

121.0592,
138.6844, 135.6421

■ 1.0386, 1.6214,
1.0660

152.3000,
173.3971, 170.9261

■ 0.0000, 0.3720,
0.0000

188.5003,

■ 0.0000, 0.0000,

213.4668, 211.8526

0.0000

230.0252,
259.2778, 258.8402

■ 26.4583, 32.0209,
29.2123

■ 26.4583, 32.0209,
29.2123

■ 23.4346, 30.5518,
25.0607

■ 29.9511, 33.7242,
33.8148

■ 20.8568, 29.3025,
21.3441

■ 33.9294, 35.6671,
38.8790

■ 18.7040, 28.2634,
18.0491

■ 38.4123, 37.8601,
44.4182

■ 16.9521, 27.4224,
15.1606

■ 43.4167, 40.3118,
50.4442

■ 15.5748, 26.7662,
12.6625

■ 48.9591, 43.0303,
56.9688

■ 14.5425, 26.2800,
10.5378

■ 55.0549, 46.0235,
64.0031

■ 13.8206, 25.9463,
8.7680

■ 61.7192, 49.2987,
71.5579

■ 13.3334, 25.7264,
7.3315

■ 67.9273, 52.3276,
79.5951

■ 13.3279, 25.7239,
7.3158

■ 69.5099, 52.9607,
87.9290

Harmonies

Analogous

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



27.9459, 32.0209, 24.8624



26.4583, 32.0209, 29.2123



26.0164, 32.0209, 35.6462

Triad

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



26.4583, 32.0209, 29.2123



30.7063, 32.0209, 49.9553



34.4962, 32.0209, 28.0353

Complementary

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



26.4583, 32.0209, 29.2123



28.1352, 25.5127, 32.7210

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.



35.3273, 32.0209, 34.0960



26.4583, 32.0209, 29.2123



33.0675, 32.0209, 47.2451

Square

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



26.4583, 32.0209, 29.2123



28.3911, 32.0209, 48.2005



34.7912, 32.0209, 41.2043



32.5745, 32.0209, 24.2489

Rectangle

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



26.4583, 32.0209, 29.2123



26.3539, 32.0209, 40.4213



34.7912, 32.0209, 41.2043



34.9169, 32.0209, 29.8433

Sweetspot

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



26.4592, 32.0222, 29.2130



56.2152, 61.6526, 63.8721



29.5453, 33.6938, 25.7156



12.2373, 13.4766, 13.8910



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.4592, 32.0222, 29.2130



44.8049, 56.0917, 48.8161



27.6820, 32.5114, 35.6521



7.0725, 7.9298, 7.9935



10.6608, 20.5506, 5.9301



0.2444, 0.4400, 0.2322

Inverse Universe

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



28.1352, 25.5127, 32.7210



48.3788, 42.2062, 56.2937



26.9505, 25.0388, 26.4827



7.2697, 7.1643, 8.4064



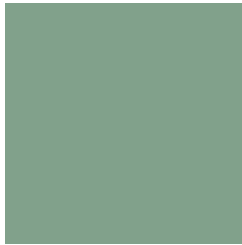
14.0357, 6.9703, 12.6444



0.3147, 0.1544, 0.3698

Previews

White Background



This preview shows how the XYZ color 26.4583, 32.0209, 29.2123 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 26.4583, 32.0209, 29.2123 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 26.4583, 32.0209, 29.2123

Background



This preview shows how black text looks on a background with the XYZ color 26.4583, 32.0209, 29.2123.



This preview shows how white text looks on a background with the XYZ color 26.4583, 32.0209,

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

26.4583, 32.0209, 29.2123

Protanopia

30.2616, 32.0053, 27.5044

Deuteranopia

32.4856, 31.9035, 30.0370



Tritanopia

29.0499, 32.0468, 42.1907

Trichromacy



Original Color

26.4583, 32.0209, 29.2123

Protanomaly

28.7268, 31.9441, 27.9443

Deuteranomaly

29.9093, 31.7735, 29.7558

Tritanomaly

27.9141, 31.8279, 37.0199

Monochromacy



Original Color

26.4583, 32.0209, 29.2123

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.6574, 30.5776, 31.2324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4583, 32.0209, 29.2123 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, 161, 139)` looks like.

```
.text, #text, p{  
    color:rgb(129, 161, 139)  
}
```

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, 161, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 161, 139) }
```

Border

The CSS property to change the border of an element to XYZ 26.4583, 32.0209, 29.2123 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, 161, 139) }
```


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

```
.border{ border-color:rgb(129, 161, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 161, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 161, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 161, 139); box-shadow:4px 4px 4px 4px rgb(129, 161, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4583, 32.0209, 29.2123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 161, 139) }
```

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

```
.background{ background-color: rgb(129,  
161, 139) }
```

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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