

Converting Colors

XYZ(26.0191, 32.1802, 23.9313)

Have a look what the booklet for
XYZ(26.0191, 32.1802, 23.9313)
contains.

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Color

**XYZ(26.0741, 32.2014,
23.9100)**

Conversions

Conversions Part 1

Format	Color
Hex	84A27C
RGB	132, 162, 124
RGB Percent	52%, 64%, 49%
CMY	0.4824, 0.3647, 0.5137
CMYK	0.19, 0.00, 0.23, 0.36
HSL	107°, 17%, 56%
HSV	107°, 23%, 64%
XYZ	26.0741, 32.2014, 23.9100
YIQ	148.6980, -5.6820, -18.1780

Conversions

Conversions Part 2

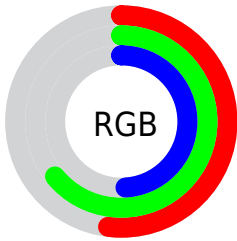
Format	Color
RYB	124, 162, 154
Decimal	8692348
CIELab	63.51, -17.83, 16.42
CIElCh	64, 24.239, 137.350
Yxy	32.2014, 0.3173, 0.3918
Android (android.graphics.Color)	4286882428 (0xFF84A27C)
YUV	148.6980, -12.1761, -14.6441
Hunter-Lab	56.7463, -17.2878, 14.7406

Details

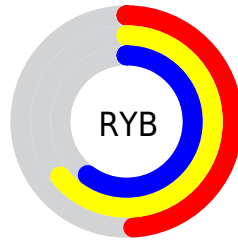
The XYZ color **26.0741, 32.2014, 23.9100** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.0570, 23.8949, 37.3702**, and the grayscale version is **28.4921, 29.9759, 32.6437**.

A 20% lighter version of the original color is **52.7562, 63.1143, 50.9967**, and **10.3256, 13.4537, 8.7092** is the 20% darker color. If you saturate the color by 10%, you get **23.2538, 30.8572, 18.8623**, and if you desaturate by 10%, it is **29.3097, 33.7421, 29.8571**.

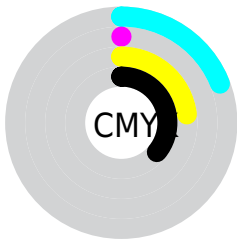
Distribution



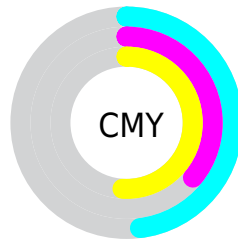
- Red (52%)
- Green (64%)
- Blue (49%)



- Red (49%)
- Yellow (64%)
- Blue (60%)



- Cyan (19%)
- Magenta (0%)
- Yellow (23%)
- Black (36%)



- Cyan (48%)
- Magenta (36%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0741, 32.2014, 23.9100 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 26.0741, 32.2014, 23.9100 by changing the saturation by 10% instead.

■ 26.0741, 32.2014,
23.9100

■ 26.0741, 32.2014,
23.9100

275.3957,
312.0357, 285.6370

■ 17.0121, 21.5154,
15.0553

■ 52.8249, 63.1267,
50.8253

■ 10.3384, 13.5012,
8.7111

■ 71.2444, 84.1347,
69.7229

■ 5.6879, 7.7746,
4.4590

■ 93.5137, 109.3523,
92.8053

■ 2.6951, 3.9511,
1.8804

119.9983,
139.1636, 120.4910

■ 0.9947, 1.6462,
0.4802

151.0634,
173.9533, 153.1984

■ 0.0000, 0.3885,
0.0000

187.0744,

■ 0.0000, 0.0000,

214.1056, 191.3462

0.0000

228.3967,
260.0049, 235.3529

■ 26.0741, 32.2014,
23.9100

■ 26.0741, 32.2014,
23.9100

■ 23.2538, 30.8572,
18.8623

■ 29.3097, 33.7421,
29.8571

■ 20.8292, 29.6976,
14.6683

■ 32.9741, 35.4826,
36.7422

■ 18.7829, 28.7156,
11.2814


■ 37.0834, 37.4312,
44.6042


■ 17.0952, 27.9020,
8.6495


■ 41.6518, 39.5946,
53.4792


■ 15.7443, 27.2471,
6.7149


■ 46.6933, 41.9792,
63.4014


 14.7062, 26.7397,
5.4110

 52.2209, 44.5910,
74.4035

 13.9532, 26.3673,
4.6586

 58.2474, 47.4359,
86.5166

 13.5840, 26.1837,
4.3380

 64.7849, 50.5195,
99.7707

 69.3687, 52.8567,
101.1540

Harmonies

Analogous

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



28.7104, 32.2014, 20.1368



26.0741, 32.2014, 23.9100



24.6971, 32.2014, 31.1444

Triad

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



26.0741, 32.2014, 23.9100



29.2062, 32.2014, 56.5204



37.2331, 32.2014, 29.8028

Complementary

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



26.0741, 32.2014, 23.9100



27.0570, 23.8949, 37.3702

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.



37.3904, 32.2014, 39.2947



26.0741, 32.2014, 23.9100



32.5842, 32.2014, 55.9794

Square

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



26.0741, 32.2014, 23.9100



26.4140, 32.2014, 50.5977



35.6358, 32.2014, 49.2329



35.2206, 32.2014, 23.0842

Rectangle

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



26.0741, 32.2014, 23.9100



24.6068, 32.2014, 37.4954



35.6358, 32.2014, 49.2329



37.5097, 32.2014, 32.7359

Sweetspot

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



26.0749, 32.2028, 23.9107



57.3220, 63.2087, 61.9033



30.0568, 32.1723, 23.6950



12.7907, 14.1567, 13.7458



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.



26.0749, 32.2028, 23.9107



44.6438, 57.1765, 38.5558



25.5902, 31.8699, 27.6391



7.1185, 7.9635, 7.5420



10.7319, 20.6430, 3.4189



0.2609, 0.4520, 0.0735

Inverse Universe

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



27.0570, 23.8949, 37.3702



46.7307, 39.4846, 67.2144



27.7140, 24.3395, 32.6162



7.2177, 7.1266, 8.8982



12.1759, 5.6834, 27.3850



0.2905, 0.1373, 0.5770

Previews

White Background



This preview shows how the XYZ color 26.0741, 32.2014, 23.9100 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 26.0741, 32.2014, 23.9100 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 26.0741, 32.2014, 23.9100

Background



This preview shows how black text looks on a background with the XYZ color 26.0741, 32.2014, 23.9100.



This preview shows how white text looks on a background with the XYZ color 26.0741, 32.2014,

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

26.0741, 32.2014, 23.9100

Protanopia

29.8857, 31.9251, 22.3563

Deuteranopia

32.3959, 31.7469, 24.4990



Tritanopia

29.6038, 32.0931, 41.6801

Trichromacy



Original Color

26.0741, 32.2014, 23.9100

Protanomaly

28.2886, 31.8328, 22.7425

Deuteranomaly

29.6921, 31.5399, 24.2615

Tritanomaly

28.0477, 31.9550, 34.3954

Monochromacy



Original Color

26.0741, 32.2014, 23.9100

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.6169, 30.8443, 29.3089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0741, 32.2014, 23.9100 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(132, 162, 124)` looks like.

```
.text, #text, p{  
    color:rgb(132, 162, 124)  
}
```

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(132, 162, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 162, 124) }
```

Border

The CSS property to change the border of an element to XYZ 26.0741, 32.2014, 23.9100 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(132, 162, 124) }
```


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

```
.border{ border-color:rgb(132, 162, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 162, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 162, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 162, 124);  
box-shadow:4px 4px 4px 4px rgb(132, 162,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0741, 32.2014, 23.9100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 162, 124) }
```

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

```
.background{ background-color: rgb(132,  
162, 124) }
```

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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