

Converting Colors

XYZ(26.5521, 32.9074, 15.1013)

Have a look what the booklet for
XYZ(26.5521, 32.9074, 15.1013)
contains.

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Color

**XYZ(26.5306, 32.8964,
15.0765)**

Conversions

Conversions Part 1

Format	Color
Hex	90A35C
RGB	144, 163, 92
RGB Percent	56%, 64%, 36%
CMY	0.4353, 0.3608, 0.6392
CMYK	0.12, 0.00, 0.44, 0.36
HSL	76°, 28%, 50%
HSV	76°, 44%, 64%
XYZ	26.5306, 32.8964, 15.0765
YIQ	149.2250, 11.4670, -26.1090

Conversions

Conversions Part 2

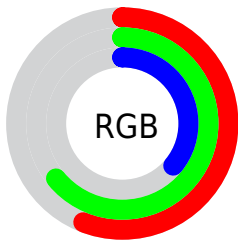
Format	Color
RYB	92, 163, 111
Decimal	9479004
CIELab	64.08, -18.39, 34.59
CIElCh	64, 39.179, 117.996
Yxy	32.8964, 0.3561, 0.4415
Android (android.graphics.Color)	4287669084 (0xFF90A35C)
YUV	149.2250, -28.2119, -4.5823
Hunter-Lab	57.3554, -17.8040, 24.5637

Details

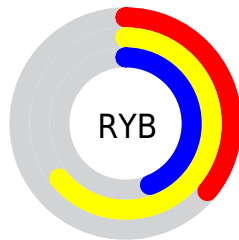
The XYZ color **26.5306, 32.8964, 15.0765** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.9948, 13.6790, 36.3968**, and the grayscale version is **28.7743, 30.2728, 32.9671**.

A 20% lighter version of the original color is **53.5825, 64.2681, 35.5675**, and **10.5527, 13.8260, 4.4954** is the 20% darker color. If you saturate the color by 10%, you get **25.1463, 32.2575, 11.6841**, and if you desaturate by 10%, it is **28.0993, 33.6148, 19.2791**.

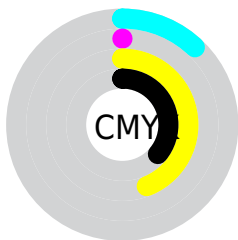
Distribution



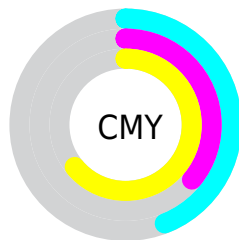
- Red (56%)
- Green (64%)
- Blue (36%)



- Red (36%)
- Yellow (64%)
- Blue (44%)



- Cyan (12%)
- Magenta (0%)
- Yellow (44%)
- Black (36%)



- Cyan (44%)
- Magenta (36%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5306, 32.8964, 15.0765 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 26.5306, 32.8964, 15.0765 by changing the saturation by 10% instead.

■ 26.5306, 32.8964,
15.0765

■ 26.5306, 32.8964,
15.0765

277.5863,
315.1826, 235.4855

■ 17.3558, 22.0471,
8.7259

■ 53.5549, 64.2138,
35.7315

■ 10.5853, 13.8915,
4.4685

■ 72.1351, 85.4506,
50.8730

■ 5.8540, 8.0452,
1.8857

■ 94.5812, 110.9187,
69.7819

■ 2.7963, 4.1239,
0.4836

■ 121.2584,
141.0025, 92.8766

■ 1.0470, 1.7431,
0.0000

152.5322,
176.0864, 120.5758

■ 0.0000, 0.4513,
0.0000

188.7678,

■ 0.0000, 0.0000,

216.5548, 153.2980

0.0000

230.3308,
262.7921, 191.4617

■ 26.5306, 32.8964,
15.0765

■ 26.5306, 32.8964,
15.0765

■ 25.1463, 32.2575,
11.6841

■ 28.0993, 33.6148,
19.2791

■ 23.9337, 31.6895,
9.0477

■ 29.8594, 34.4120,
24.3376

■ 22.8822, 31.1892,
7.1093


■ 31.8203, 35.2930,
30.2966


■ 21.9788, 30.7515,
5.8021

■ 33.9902, 36.2611,
37.1970


■ 21.2079, 30.3700,
5.0459


■ 36.3766, 37.3194,
45.0774

 20.7574, 30.1444,
4.7244

 38.9866, 38.4707,
53.9739

 41.8273, 39.7179,
63.9210

 44.9050, 41.0636,
74.9515

 48.2260, 42.5103,
87.0969

Harmonies

Analogous

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



31.6409, 32.8964, 13.1694



26.5306, 32.8964, 15.0765



23.0791, 32.8964, 21.9663

Triad

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



26.5306, 32.8964, 15.0765



25.9568, 32.8964, 68.3995



43.1608, 32.8964, 36.8956

Complementary

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



26.5306, 32.8964, 15.0765



16.9948, 13.6790, 36.3968

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.



41.1932, 32.8964, 54.5320



26.5306, 32.8964, 15.0765



30.8962, 32.8964, 75.7534

Square

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



26.5306, 32.8964, 15.0765



22.7763, 32.8964, 52.1239



36.5361, 32.8964, 70.0540



41.6423, 32.8964, 23.3267

Rectangle

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



26.5306, 32.8964, 15.0765



21.9659, 32.8964, 29.8434



36.5361, 32.8964, 70.0540



42.8808, 32.8964, 42.5424

Sweetspot

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



26.5314, 32.8979, 15.0772



57.1023, 63.2563, 54.6220



22.7144, 19.9145, 12.7723



12.6499, 14.1287, 11.7252



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.



26.5314, 32.8979, 15.0772



45.1712, 57.8320, 21.2465



21.2835, 30.1925, 14.8316



7.4636, 8.1415, 7.5582



16.1761, 23.4496, 3.6737



0.3809, 0.5139, 0.0791

Inverse Universe

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



16.9948, 13.6790, 36.3968



25.9186, 18.9878, 64.3551



22.3704, 16.4502, 36.6484



6.8701, 6.9474, 8.8820



5.9709, 2.4846, 27.0947



0.1678, 0.0740, 0.5713

Previews

White Background



This preview shows how the XYZ color 26.5306, 32.8964, 15.0765 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 26.5306, 32.8964, 15.0765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

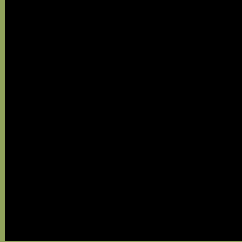
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.5306, 32.8964, 15.0765

Background



This preview shows how black text looks on a background with the XYZ color 26.5306, 32.8964, 15.0765.



This preview shows how white text looks on a background with the XYZ color 26.5306, 32.8964,

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

26.5306, 32.8964, 15.0765

Protanopia

30.1021, 32.7100, 14.1783

Deuteranopia

33.3945, 32.6974, 15.3776



Tritanopia

31.6675, 32.6735, 41.1968

Trichromacy



Original Color

26.5306, 32.8964, 15.0765

Protanomaly

28.7703, 32.7690, 14.4815

Deuteranomaly

30.4249, 32.3613, 15.2325

Tritanomaly

29.3683, 32.4914, 29.5345

Monochromacy



Original Color

26.5306, 32.8964, 15.0765

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.4845, 30.8728, 24.9325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5306, 32.8964, 15.0765 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(144, 163, 92)` looks like.

```
.text, #text, p{  
    color:rgb(144, 163, 92)  
}
```

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(144, 163, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 163, 92) }
```

Border

The CSS property to change the border of an element to XYZ 26.5306, 32.8964, 15.0765 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(144, 163, 92) }
```


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

```
.border{ border-color:rgb(144, 163, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 163, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 163, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 163, 92);  
box-shadow:4px 4px 4px 4px rgb(144, 163,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5306, 32.8964, 15.0765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 163, 92) }
```

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

```
.background{ background-color: rgb(144,  
163, 92) }
```

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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