

Converting Colors

XYZ(26.2942, 35.0707, 16.6687)

Have a look what the booklet for
XYZ(26.2942, 35.0707, 16.6687)
contains.

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Color

**XYZ(26.4259, 35.2736,
16.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	84AC61
RGB	132, 172, 97
RGB Percent	52%, 67%, 38%
CMY	0.4824, 0.3255, 0.6196
CMYK	0.23, 0.00, 0.44, 0.33
HSL	92°, 31%, 53%
HSV	92°, 44%, 67%
XYZ	26.4259, 35.2736, 16.7250
YIQ	151.4900, 0.2350, -31.8050

Conversions

Conversions Part 2

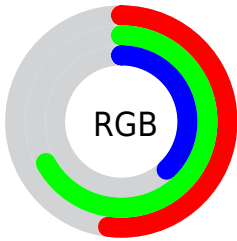
Format	Color
RYB	97, 172, 137
Decimal	8694881
CIELab	65.96, -26.94, 34.20
CIELCh	66, 43.540, 128.230
Yxy	35.2736, 0.3370, 0.4498
Android (android.graphics.Color)	4286884961 (0xFF84AC61)
YUV	151.4900, -26.8636, -17.0927
Hunter-Lab	59.3916, -24.5128, 24.8777

Details

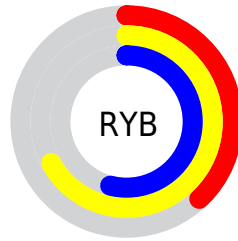
The XYZ color **26.4259, 35.2736, 16.7250** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.0391, 16.8474, 41.1219**, and the grayscale version is **29.7380, 31.2867, 34.0712**.

A 20% lighter version of the original color is **53.4179, 68.0958, 38.7622**, and **10.4386, 15.1125, 5.1631** is the 20% darker color. If you saturate the color by 10%, you get **24.3374, 34.2809, 12.8853**, and if you desaturate by 10%, it is **28.8162, 36.4040, 21.4880**.

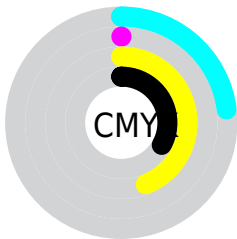
Distribution



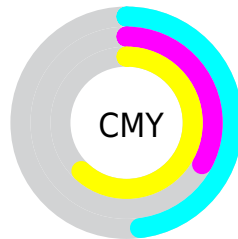
- Red (52%)
- Green (67%)
- Blue (38%)



- Red (38%)
- Yellow (67%)
- Blue (54%)



- Cyan (23%)
- Magenta (0%)
- Yellow (44%)
- Black (33%)



- Cyan (48%)
- Magenta (33%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4259, 35.2736, 16.7250 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 26.4259, 35.2736, 16.7250 by changing the saturation by 10% instead.

■ 26.4259, 35.2736,
16.7250

■ 26.4259, 35.2736,
16.7250

277.0851,
325.7743, 245.5727

■ 17.2769, 23.8737,
9.8787

■ 53.3877, 67.9094,
38.6365

■ 10.5286, 15.2400,
5.2141

■ 71.9311, 89.9141,
54.5388

■ 5.8158, 8.9880,
2.3125

■ 94.3367, 116.2225,
74.2969

■ 2.7730, 4.7333,
0.7382

■ 120.9699,
147.2191, 98.3293

■ 1.0349, 2.0917,
0.0000

152.1960,
183.2881, 127.0545

■ 0.0000, 0.6599,
0.0000

188.3803,

■ 0.0000, 0.0000,

224.8141, 160.8911

0.0000

229.8882,
272.1814, 200.2577

■ 26.4259, 35.2736,
16.7250

■ 26.4259, 35.2736,
16.7250

■ 24.3374, 34.2809,
12.8853

■ 28.8162, 36.4040,
21.4880

■ 22.5336, 33.4150,
9.9066

■ 31.5193, 37.6733,
27.2267

■ 20.9992, 32.6708,
7.7226


■ 34.5484, 39.0882,
33.9919


■ 19.7162, 32.0405,
6.2565


■ 37.9154, 40.6540,
41.8307


■ 18.6633, 31.5152,
5.4160


■ 41.6314, 42.3753,
50.7870

 18.0837, 31.2234,
5.0736

 45.7071, 44.2567,
60.9024

 50.1524, 46.3025,
72.2161

 54.9772, 48.5170,
84.7657

 60.1907, 50.9041,
98.5872

Harmonies

Analogous

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



31.7832, 35.2736, 12.8969



26.4259, 35.2736, 16.7250



23.2821, 35.2736, 26.6877

Triad

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



26.4259, 35.2736, 16.7250



29.1361, 35.2736, 81.7088



47.3519, 35.2736, 33.5460

Complementary

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



26.4259, 35.2736, 16.7250



22.0391, 16.8474, 41.1219

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.



46.4060, 35.2736, 53.1354



26.4259, 35.2736, 16.7250



35.3324, 35.2736, 85.3448

Square

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



26.4259, 35.2736, 16.7250



24.7015, 35.2736, 64.8302



41.7971, 35.2736, 73.5878



44.2369, 35.2736, 20.3609

Rectangle

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



26.4259, 35.2736, 16.7250



22.6002, 35.2736, 37.3208



41.7971, 35.2736, 73.5878



47.5053, 35.2736, 39.5140

Sweetspot

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



26.4268, 35.2751, 16.7258



62.8888, 71.0091, 62.1566



28.1179, 27.5264, 15.1410



13.3984, 15.3066, 12.8964



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.4268, 35.2751, 16.7258



44.3880, 62.3015, 23.7930



21.9595, 32.9585, 17.1349



8.2464, 9.1156, 8.5382



13.5189, 23.2663, 3.7783



0.4396, 0.6800, 0.1081

Inverse Universe

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



22.0391, 16.8474, 41.1219



35.4078, 24.6085, 73.6895



28.4978, 20.2044, 40.1824



7.9714, 7.9596, 10.0689



8.8704, 3.9327, 29.3361



0.3092, 0.1416, 0.8190

Previews

White Background



This preview shows how the XYZ color 26.4259, 35.2736, 16.7250 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 26.4259, 35.2736, 16.7250 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 26.4259, 35.2736, 16.7250

Background



This preview shows how black text looks on a background with the XYZ color 26.4259, 35.2736, 16.7250.



This preview shows how white text looks on a background with the XYZ color 26.4259, 35.2736,

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

26.4259, 35.2736, 16.7250

Protanopia

32.2258, 35.0459, 15.4220

Deuteranopia

35.7818, 35.0792, 17.4554



Tritanopia

32.4353, 35.2583, 46.1703

Trichromacy



Original Color

26.4259, 35.2736, 16.7250

Protanomaly

29.5939, 34.7300, 15.7335

Deuteranomaly

31.6656, 34.7196, 17.0892

Tritanomaly

29.7179, 34.9545, 32.7844

Monochromacy



Original Color

26.4259, 35.2736, 16.7250

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.9965, 32.3643, 26.2441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4259, 35.2736, 16.7250 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, 172, 97)` looks like.

```
.text, #text, p{  
    color:rgb(132, 172, 97)  
}
```

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, 172, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 172, 97) }
```

Border

The CSS property to change the border of an element to XYZ 26.4259, 35.2736, 16.7250 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, 172, 97) }
```


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

```
.border{ border-color:rgb(132, 172, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 172, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 172, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 172, 97);  
box-shadow:4px 4px 4px 4px rgb(132, 172,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4259, 35.2736, 16.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 172, 97) }
```

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

```
.background{ background-color: rgb(132,  
172, 97) }
```

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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