

Converting Colors

XYZ(26.3745, 34.8780, 15.2133)

Have a look what the booklet for
XYZ(26.3745, 34.8780, 15.2133)
contains.

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Color

**XYZ(26.4429, 35.0320,
15.2657)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 87AB5B |
| RGB | 135, 171, 91 |
| RGB Percent | 53%, 67%, 36% |
| CMY | 0.4706, 0.3294, 0.6431 |
| CMYK | 0.21, 0.00, 0.47, 0.33 |
| HSL | 87°, 32%, 51% |
| HSV | 87°, 47%, 67% |
| XYZ | 26.4429, 35.0320, 15.2657 |
| YIQ | 151.1160, 4.2240, -32.5120 |

Conversions

Conversions Part 2

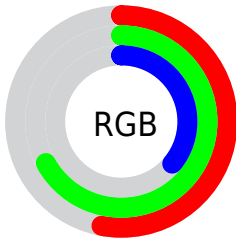
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 91, 171, 127 |
| Decimal | 8891227 |
| CIELab | 65.77, -26.06, 37.09 |
| CIElCh | 66, 45.332, 125.098 |
| Yxy | 35.0320, 0.3446, 0.4565 |
| Android (android.graphics.Color) | 4287081307 (0xFF87AB5B) |
| YUV | 151.1160, -29.6372, -14.1337 |
| Hunter-Lab | 59.1878, -23.8316, 26.1394 |

Details

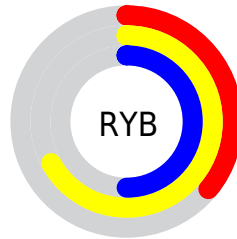
The XYZ color **26.4429, 35.0320, 15.2657** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **19.8456, 14.9354, 40.3668**, and the grayscale version is **29.5875, 31.1284, 33.8988**.

A 20% lighter version of the original color is **53.3895, 67.3230, 36.1673**, and **10.5820, 15.1998, 4.5666** is the 20% darker color. If you saturate the color by 10%, you get **24.5942, 34.1558, 11.7577**, and if you desaturate by 10%, it is **28.5510, 36.0247, 19.6647**.

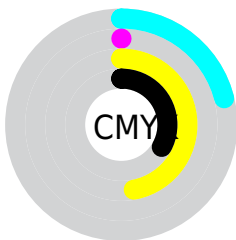
Distribution



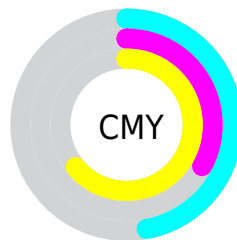
- Red (53%)
- Green (67%)
- Blue (36%)



- Red (36%)
- Yellow (67%)
- Blue (50%)



- Cyan (21%)
- Magenta (0%)
- Yellow (47%)
- Black (33%)



- Cyan (47%)
- Magenta (33%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4429, 35.0320, 15.2657 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 26.4429, 35.0320, 15.2657 by changing the saturation by 10% instead.

■ 26.4429, 35.0320,
15.2657

■ 26.4429, 35.0320,
15.2657

277.1665,
324.7096, 236.6648

■ 17.2897, 23.6875,
8.8574

■ 53.4148, 67.5353,
36.0675

■ 10.5378, 15.1020,
4.5527

■ 71.9642, 89.4630,
51.2981

■ 5.8220, 8.8910,
1.9332

■ 94.3764, 115.6872,
70.3065

■ 2.7768, 4.6702,
0.5137

■ 121.0168,
146.5922, 93.5112

■ 1.0368, 2.0551,
0.0000

152.2506,
182.5626, 121.3309

■ 0.0000, 0.6392,
0.0000

188.4432,

■ 0.0000, 0.0000,

223.9827, 154.1840

0.0000

229.9601,
271.2369, 192.4891

■ 26.4429, 35.0320,
15.2657

■ 26.4429, 35.0320,
15.2657

■ 24.5942, 34.1558,
11.7577

■ 28.5510, 36.0247,
19.6647

■ 22.9888, 33.3858,
9.0775

■ 30.9282, 37.1344,
25.0077

■ 21.6126, 32.7175,
7.1569


■ 33.5867, 38.3674,
31.3462


■ 20.4485, 32.1436,
5.9164


■ 36.5372, 39.7281,
38.7275


■ 19.4727, 31.6545,
5.2416


■ 39.7898, 41.2208,
47.1956

 19.1844, 31.5094,
5.0708

 43.3540, 42.8495,
56.7922

 47.2387, 44.6179,
67.5566

 51.4528, 46.5298,
79.5264

 56.0045, 48.5885,
92.7375

Harmonies

Analogous

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



32.1683, 35.0320, 11.9802



26.4429, 35.0320, 15.2657



22.9507, 35.0320, 24.6545

Triad

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



26.4429, 35.0320, 15.2657



28.1751, 35.0320, 82.1946



47.8022, 35.0320, 34.9669

Complementary

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



26.4429, 35.0320, 15.2657



19.8456, 14.9354, 40.3668

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.



46.3616, 35.0320, 55.8281



26.4429, 35.0320, 15.2657



34.4516, 35.0320, 87.7804

Square

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



26.4429, 35.0320, 15.2657



23.8531, 35.0320, 63.4509



41.2433, 35.0320, 76.8599



44.9527, 35.0320, 20.6588

Rectangle

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



26.4429, 35.0320, 15.2657



22.0670, 35.0320, 35.0856



41.2433, 35.0320, 76.8599



47.8071, 35.0320, 41.3750

Sweetspot

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



26.4438, 35.0335, 15.2665



61.4390, 69.3067, 59.3091



26.2736, 24.5932, 13.2602



13.4621, 15.3452, 12.6376



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.



26.4438, 35.0335, 15.2665



43.9810, 61.1379, 20.9427



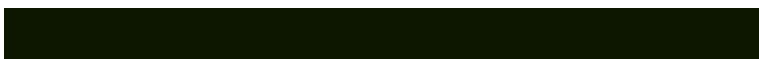
21.1716, 32.3156, 15.0197



8.3097, 9.1482, 8.5412



14.5229, 23.7839, 3.8253



0.4659, 0.6935, 0.1093

Inverse Universe

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



19.8456, 14.9354, 40.3668



30.7325, 20.7527, 71.3878



27.0295, 18.6389, 40.7030



7.9083, 7.9271, 10.0660



7.9049, 3.4350, 29.2909



0.2834, 0.1283, 0.8178

Previews

White Background



This preview shows how the XYZ color 26.4429, 35.0320, 15.2657 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 26.4429, 35.0320, 15.2657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

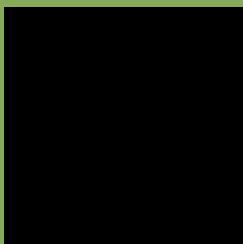
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.4429, 35.0320, 15.2657

Background



This preview shows how black text looks on a background with the XYZ color 26.4429, 35.0320, 15.2657.



This preview shows how white text looks on a background with the XYZ color 26.4429, 35.0320,

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

26.4429, 35.0320, 15.2657

Protanopia

31.7976, 34.5984, 14.0191

Deuteranopia

35.3319, 34.6385, 15.8900



Tritanopia

32.5929, 35.0997, 45.1015

Trichromacy



Original Color

26.4429, 35.0320, 15.2657

Protanomaly

29.3558, 34.3725, 14.3199

Deuteranomaly

31.4318, 34.3751, 15.5681

Tritanomaly

29.8169, 34.7635, 31.5241

Monochromacy



Original Color

26.4429, 35.0320, 15.2657

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.8664, 32.0584, 25.4881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4429, 35.0320, 15.2657 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(135, 171, 91)` looks like.

```
.text, #text, p{  
    color:rgb(135, 171, 91)  
}
```

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(135, 171, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 171, 91) }
```

Border

The CSS property to change the border of an element to XYZ 26.4429, 35.0320, 15.2657 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(135, 171, 91) }
```


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

```
.border{ border-color:rgb(135, 171, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 171, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 171, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 171, 91);  
box-shadow:4px 4px 4px 4px rgb(135, 171,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4429, 35.0320, 15.2657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 171, 91) }
```

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

```
.background{ background-color: rgb(135,  
171, 91) }
```

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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