

Converting Colors

XYZ(26.4546, 44.8805, 14.8234)

Have a look what the booklet for
XYZ(26.4546, 44.8805, 14.8234)
contains.

XYZ(26.4062, 44.7987, 14.8447)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.4062, 44.7987,
14.8447)**

Conversions

Conversions Part 1

Format	Color
Hex	56CA50
RGB	86, 202, 80
RGB Percent	34%, 79%, 31%
CMY	0.6627, 0.2078, 0.6863
CMYK	0.57, 0.00, 0.60, 0.21
HSL	117°, 54%, 55%
HSV	117°, 60%, 79%
XYZ	26.4062, 44.7987, 14.8447
YIQ	153.4080, -29.9740, -62.5340

Conversions

Conversions Part 2

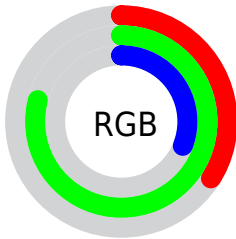
Format	Color
RYB	80, 202, 196
Decimal	5687888
CIELab	72.76, -56.33, 50.10
CIELCh	73, 75.381, 138.350
Yxy	44.7987, 0.3069, 0.5206
Android (android.graphics.Color)	4283877968 (0xFF56CA50)
YUV	153.4080, -36.1901, -59.1168
Hunter-Lab	66.9318, -46.7082, 33.7025

Details

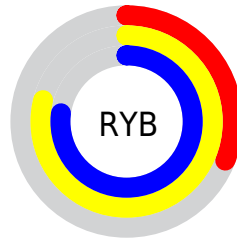
The XYZ color **26.4062, 44.7987, 14.8447** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **36.2971, 21.7392, 58.1626**, and the grayscale version is **30.6195, 32.2141, 35.0811**.

A 20% lighter version of the original color is **51.8477, 79.3244, 34.7688**, and **10.6092, 20.9376, 4.4019** is the 20% darker color. If you saturate the color by 10%, you get **24.2324, 43.7530, 11.4158**, and if you desaturate by 10%, it is **29.2817, 46.1828, 19.4793**.

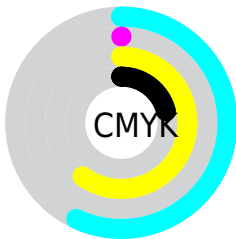
Distribution



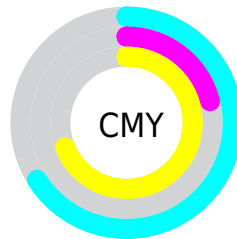
- Red (34%)
- Green (79%)
- Blue (31%)



- Red (31%)
- Yellow (79%)
- Blue (77%)



- Cyan (57%)
- Magenta (0%)
- Yellow (60%)
- Black (21%)



- Cyan (66%)
- Magenta (21%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4062, 44.7987, 14.8447 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 26.4062, 44.7987, 14.8447 by changing the saturation by 10% instead.

■ 26.4062, 44.7987,
14.8447

■ 26.4062, 44.7987,
14.8447

276.9907,
365.9577, 234.0326

■ 17.2620, 31.2989,
8.5651

■ 53.3562, 82.4183,
35.3189

■ 10.5180, 20.8266,
4.3657

■ 71.8927, 107.3068,
50.3506

■ 5.8086, 12.9973,
1.8280

■ 94.2907, 136.7604,
69.1367

■ 2.7686, 7.4267,
0.4463

■ 120.9156,
171.1634, 92.0958

■ 1.0326, 3.7303,
0.0000

■ 152.1327,
210.9002, 119.6464

■ 0.0000, 1.5239,
0.0000

188.3073,

■ 0.0000, 0.3055,

256.3553, 152.2070

0.0000

229.8049,
307.9130, 190.1963

■ 0.0000, 0.0000,
0.0000

■ 26.4062, 44.7987,
14.8447

■ 26.4062, 44.7987,
14.8447

■ 24.2324, 43.7530,
11.4158

■ 29.2817, 46.1828,
19.4793

■ 22.6972, 43.0118,
9.0781

■ 32.9085, 47.9249,
25.4142

■ 21.7317, 42.5435,
7.7006

■ 37.3356, 50.0496,
32.7382

■ 21.2457, 42.3070,
7.0463

■ 42.6068, 52.5779,
41.5312

■ 48.7628, 55.5290,
51.8672

■ 55.8417, 58.9212,
63.8153

■ 63.8793, 62.7715,
77.4402

■ 72.9095, 67.0960,
92.8032

■ 80.4115, 70.7229,
104.0205

Harmonies

Analogous

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



35.1376, 44.7987, 7.3637



26.4062, 44.7987, 14.8447



22.3804, 44.7987, 35.6221

Triad

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



26.4062, 44.7987, 14.8447



37.6968, 44.7987, 158.9101



71.2150, 44.7987, 29.4228

Complementary

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



26.4062, 44.7987, 14.8447



36.2971, 21.7392, 58.1626

Split Complementary

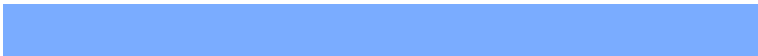
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.2930, 44.7987, 64.8301



26.4062, 44.7987, 14.8447



51.0050, 44.7987, 154.1669

Square

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



26.4062, 44.7987, 14.8447



27.9477, 44.7987, 124.8951



64.2911, 44.7987, 114.0756



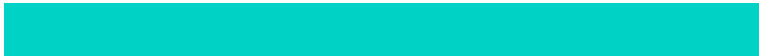
61.5925, 44.7987, 12.3096

Rectangle

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



26.4062, 44.7987, 14.8447



22.2168, 44.7987, 60.0121



64.2911, 44.7987, 114.0756



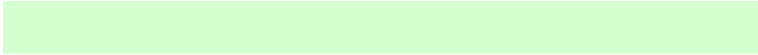
72.6519, 44.7987, 39.0417

Sweetspot

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



26.4073, 44.8006, 14.8457



74.2470, 90.0299, 73.8508



45.5246, 52.5729, 15.3383



15.2755, 18.9745, 14.7748



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.4073, 44.8006, 14.8457



40.2543, 73.7040, 18.1334



28.7964, 45.6951, 30.1885



11.1182, 12.5628, 11.9183



13.6928, 27.2342, 4.5350



0.7247, 1.4144, 0.2348

Inverse Universe

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



36.2971, 21.7392, 58.1626



58.3266, 31.3661, 97.5879



32.5017, 20.4048, 29.8720



11.6310, 11.3746, 14.1529



20.8828, 9.9730, 36.7806



1.0944, 0.5233, 1.8983

Previews

White Background



This preview shows how the XYZ color 26.4062, 44.7987, 14.8447 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 26.4062, 44.7987, 14.8447 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 26.4062, 44.7987, 14.8447

Background



This preview shows how black text looks on a background with the XYZ color 26.4062, 44.7987, 14.8447.



This preview shows how white text looks on a background with the XYZ color 26.4062, 44.7987,

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

26.4062, 44.7987, 14.8447

Protanopia

39.9507, 43.7956, 12.6511

Deuteranopia

44.9469, 44.0195, 15.8005



Tritanopia

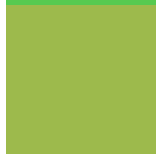
36.1565, 44.3804, 64.4182

Trichromacy



Original Color

26.4062, 44.7987, 14.8447



Protanomaly

32.7680, 42.8077, 13.3731



Deuteranomaly

34.7812, 42.2657, 15.1290



Tritanomaly

31.3459, 44.0647, 40.1109

Monochromacy



Original Color

26.4062, 44.7987, 14.8447



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

27.3821, 35.2993, 25.1089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4062, 44.7987, 14.8447 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(86, 202, 80)` looks like.

```
.text, #text, p{  
    color:rgb(86, 202, 80)  
}
```

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(86, 202, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 202, 80) }
```

Border

The CSS property to change the border of an element to XYZ 26.4062, 44.7987, 14.8447 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(86, 202, 80) }
```


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

```
.border{ border-color:rgb(86, 202, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 202, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 202, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 202, 80);  
box-shadow:4px 4px 4px 4px rgb(86, 202,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4062, 44.7987, 14.8447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 202, 80) }
```

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

```
.background{ background-color: rgb(86, 202,  
80) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor