

Converting Colors

XYZ(26.2661, 40.0517, 14.7347)

Have a look what the booklet for
XYZ(26.2661, 40.0517, 14.7347)
contains.

XYZ(26.2655, 40.0513, 14.7338)	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(26.2655, 40.0513,
14.7338)**

Conversions

Conversions Part 1

Format	Color
Hex	70BC54
RGB	112, 188, 84
RGB Percent	44%, 74%, 33%
CMY	0.5608, 0.2627, 0.6706
CMYK	0.40, 0.00, 0.55, 0.26
HSL	104°, 44%, 53%
HSV	104°, 55%, 74%
XYZ	26.2655, 40.0513, 14.7338
YIQ	153.4200, -11.9120, -48.4560

Conversions

Conversions Part 2

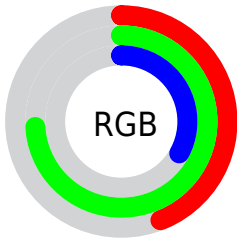
Format	Color
RYB	84, 188, 160
Decimal	7388244
CIELab	69.51, -42.88, 44.75
CIElCh	70, 61.978, 133.784
Yxy	40.0513, 0.3241, 0.4942
Android (android.graphics.Color)	4285578324 (0xFF70BC54)
YUV	153.4200, -34.2241, -36.3253
Hunter-Lab	63.2861, -36.6682, 30.4968

Details

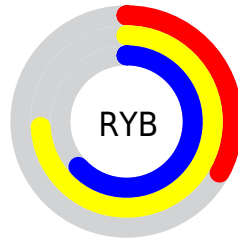
The XYZ color **26.2655, 40.0513, 14.7338** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **26.7467, 17.4464, 49.5370**, and the grayscale version is **30.6107, 32.2048, 35.0711**.

A 20% lighter version of the original color is **53.2448, 75.4072, 35.0413**, and **10.4167, 17.9952, 4.2909** is the 20% darker color. If you saturate the color by 10%, you get **24.0092, 38.9633, 11.2871**, and if you desaturate by 10%, it is **28.9881, 41.3593, 19.2355**.

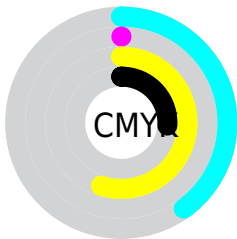
Distribution



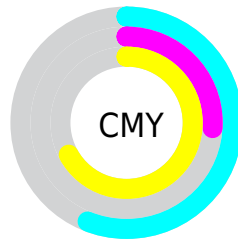
- Red (44%)
- Green (74%)
- Blue (33%)



- Red (33%)
- Yellow (74%)
- Blue (63%)



- Cyan (40%)
- Magenta (0%)
- Yellow (55%)
- Black (26%)





- Cyan (56%)
- Magenta (26%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2655, 40.0513, 14.7338 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 26.2655, 40.0513, 14.7338 by changing the saturation by 10% instead.


 26.2655, 40.0513,
14.7338


 26.2655, 40.0513,
14.7338


276.3158,
346.3397, 233.3343


 17.1561, 27.5785,
8.4882


 53.1312, 75.2416,
35.1212


 10.4418, 18.0082,
4.3167


 71.6182, 98.7280,
50.1001


 5.7574, 10.9559,
1.8006


 93.9618, 126.6543,
68.8271

 2.7374, 6.0372,
0.4284

 120.5273,
159.4051, 91.7210

 1.0164, 2.8677,
0.0000

 151.6801,
197.3646, 119.2000

 0.0000, 1.0631,
0.0000

187.7856,

 0.0000, 0.0000,

240.9173, 151.6829

0.0000

229.2090,
290.4475, 189.5882

■ 26.2655, 40.0513,
14.7338

■ 26.2655, 40.0513,
14.7338

■ 24.0092, 38.9633,
11.2871

■ 28.9881, 41.3593,
19.2355

■ 22.1881, 38.0775,
8.8068

■ 32.1999, 42.8937,
24.8660

■ 20.7715, 37.3814,
7.1943

■ 35.9256, 44.6671,
31.6955

■ 19.7220, 36.8585,
6.3277

■ 40.1871, 46.6893,
39.7878

■ 19.3298, 36.6619,
6.0577

■ 45.0054, 48.9698,
49.2020

■ 50.4000, 51.5175,
59.9938

■ 56.3895, 54.3410,
72.2155

■ 62.9918, 57.4481,
85.9166

■ 70.2239, 60.8468,
101.1443

Harmonies

Analogous

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



33.6729, 40.0513, 9.0342



26.2655, 40.0513, 14.7338



22.4445, 40.0513, 29.9821

Triad

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



26.2655, 40.0513, 14.7338



32.9523, 40.0513, 120.6086



59.9309, 40.0513, 31.7737

Complementary

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



26.2655, 40.0513, 14.7338



26.7467, 17.4464, 49.5370

Split Complementary

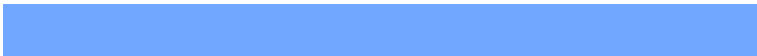
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.6458, 40.0513, 60.8426



26.2655, 40.0513, 14.7338



42.8289, 40.0513, 121.8033

Square

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



26.2655, 40.0513, 14.7338



25.8179, 40.0513, 93.8095



52.9620, 40.0513, 96.5880



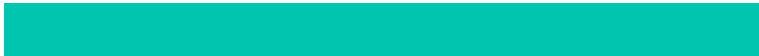
53.6838, 40.0513, 15.5494

Rectangle

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



26.2655, 40.0513, 14.7338



21.9405, 40.0513, 47.3400



52.9620, 40.0513, 96.5880



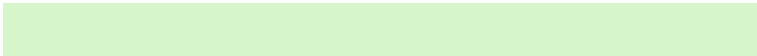
60.6254, 40.0513, 40.0794

Sweetspot

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



26.2665, 40.0530, 14.7347



71.2380, 83.8589, 69.0467



34.6590, 35.9693, 13.5041



14.9779, 17.8715, 14.1956



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.2665, 40.0530, 14.7347



42.8739, 70.3030, 19.5408



24.2700, 38.9049, 20.0126



9.6433, 10.7705, 10.1473



13.2218, 24.9920, 4.1271



0.5827, 1.0124, 0.1647

Inverse Universe

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



26.7467, 17.4464, 49.5370



43.7317, 25.2624, 88.7974



30.7450, 19.7667, 38.0171



9.6726, 9.5636, 12.0084



13.3216, 6.1536, 32.8785



0.5810, 0.2716, 1.2906

Previews

White Background



This preview shows how the XYZ color 26.2655, 40.0513, 14.7338 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 26.2655, 40.0513, 14.7338 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 26.2655, 40.0513, 14.7338

Background



This preview shows how black text looks on a background with the XYZ color 26.2655, 40.0513, 14.7338.



This preview shows how white text looks on a background with the XYZ color 26.2655, 40.0513,

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

26.2655, 40.0513, 14.7338

Protanopia

36.0566, 39.4908, 12.9298

Deuteranopia

40.3653, 39.5105, 15.3963



Tritanopia

34.3320, 39.9517, 55.1922

Trichromacy



Original Color

26.2655, 40.0513, 14.7338



Protanomaly

31.4705, 39.1034, 13.4785



Deuteranomaly

33.3376, 38.6011, 14.9262



Tritanomaly

30.3597, 39.5257, 35.7349

Monochromacy



Original Color

26.2655, 40.0513, 14.7338



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

28.0137, 34.2342, 25.5535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2655, 40.0513, 14.7338 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(112, 188, 84)` looks like.

```
.text, #text, p{  
    color:rgb(112, 188, 84)  
}
```

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(112, 188, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 188, 84) }
```

Border

The CSS property to change the border of an element to XYZ 26.2655, 40.0513, 14.7338 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(112, 188, 84) }
```


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

```
.border{ border-color:rgb(112, 188, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 188, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 188, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 188, 84);  
box-shadow:4px 4px 4px 4px rgb(112, 188,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2655, 40.0513, 14.7338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 188, 84) }
```

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

```
.background{ background-color: rgb(112,  
188, 84) }
```

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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