

Converting Colors

XYZ(24.5542, 41.1683, 13.1305)

Have a look what the booklet for
XYZ(24.5542, 41.1683, 13.1305)
contains.

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Color

**XYZ(24.5523, 41.1527,
13.1278)**

Conversions

Conversions Part 1

Format	Color
Hex	58C24A
RGB	88, 194, 74
RGB Percent	35%, 76%, 29%
CMY	0.6549, 0.2392, 0.7098
CMYK	0.55, 0.00, 0.62, 0.24
HSL	113°, 50%, 53%
HSV	113°, 62%, 76%
XYZ	24.5523, 41.1527, 13.1278
YIQ	148.6260, -24.6560, -59.7920

Conversions

Conversions Part 2

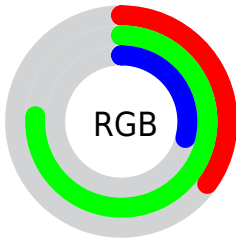
Format	Color
RYB	74, 194, 180
Decimal	5816906
CIELab	70.28, -53.47, 49.96
CIElCh	70, 73.180, 136.946
Yxy	41.1527, 0.3114, 0.5220
Android (android.graphics.Color)	4284006986 (0xFF58C24A)
YUV	148.6260, -36.7906, -53.1690
Hunter-Lab	64.1504, -43.9458, 32.7721

Details

The XYZ color **24.5523, 41.1527, 13.1278** 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 **31.0112, 18.4975, 52.9771**, and the grayscale version is **28.5678, 30.0555, 32.7305**.

A 20% lighter version of the original color is **50.1820, 76.6377, 32.2264**, and **9.4854, 18.5839, 3.6174** is the 20% darker color. If you saturate the color by 10%, you get **22.5612, 40.1917, 10.1334**, and if you desaturate by 10%, it is **27.1282, 42.3944, 17.2031**.

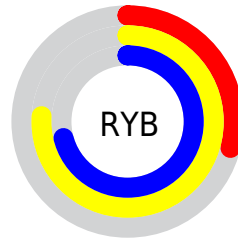
Distribution



Red (35%)

Green (76%)

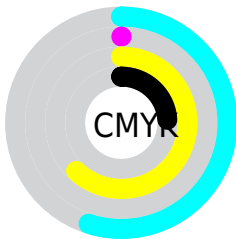
Blue (29%)



Red (29%)

Yellow (76%)

Blue (71%)

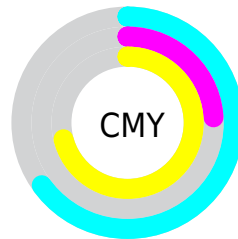


Cyan (55%)

Magenta (0%)

Yellow (62%)

Black (24%)



Cyan (65%)

Magenta (24%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5523, 41.1527, 13.1278 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 24.5523, 41.1527, 13.1278 by changing the saturation by 10% instead.

■ 24.5523, 41.1527,
13.1278

■ 24.5523, 41.1527,
13.1278

267.9899,
350.9584, 222.9716

■ 15.8708, 28.4384,
7.3848

■ 50.3781, 76.9156,
32.2277

■ 9.5230, 18.6564,
3.6219

■ 68.2531, 100.7331,
46.4218

■ 5.1437, 11.4223,
1.4203

■ 89.9234, 129.0204,
64.2700

■ 2.3674, 6.3516,
0.1575

■ 115.7541,
162.1619, 86.1908

■ 0.8288, 3.0600,
0.0000

■ 146.1108,
200.5421, 112.6029

■ 0.0000, 1.1632,
0.0000

181.3588,

■ 0.0000, 0.0313,

244.5453, 143.9247

0.0000

221.8634,
294.5560, 180.5747

■ 0.0000, 0.0000,
0.0000

■ 24.5523, 41.1527,
13.1278

■ 24.5523, 41.1527,
13.1278

■ 22.5612, 40.1917,
10.1334

■ 27.1282, 42.3944,
17.2031

■ 21.1056, 39.4845,
8.1148

■ 30.3273, 43.9308,
22.4462

■ 20.1329, 39.0078,
6.9507

■ 34.1880, 45.7814,
28.9381

■ 19.6375, 38.7631,
6.4470

■ 38.7449, 47.9623,
36.7521

■ 44.0300, 50.4886,
45.9555

■ 50.0733, 53.3745,
56.6113

■ 56.9034, 56.6333,
68.7785

■ 64.5471, 60.2777,
82.5129

■ 73.0301, 64.3198,
97.8674

Harmonies

Analogous

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



32.7632, 41.1527, 6.6496



24.5523, 41.1527, 13.1278



20.6576, 41.1527, 31.4700

Triad

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



24.5523, 41.1527, 13.1278



34.1274, 41.1527, 145.0266



65.6196, 41.1527, 28.1661

Complementary

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



24.5523, 41.1527, 13.1278



31.0112, 18.4975, 52.9771

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.



66.1942, 41.1527, 61.4658



24.5523, 41.1527, 13.1278



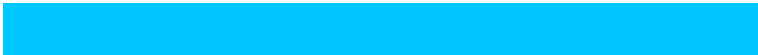
46.2375, 41.1527, 142.4987

Square

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



24.5523, 41.1527, 13.1278



25.3740, 41.1527, 112.5769



58.5281, 41.1527, 106.8105



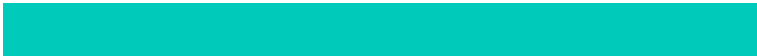
57.0898, 41.1527, 11.7765

Rectangle

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



24.5523, 41.1527, 13.1278



20.3797, 41.1527, 53.2899



58.5281, 41.1527, 106.8105



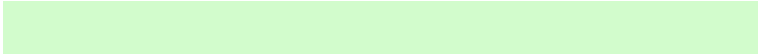
66.8029, 41.1527, 37.2780

Sweetspot

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



24.5533, 41.1544, 13.1287



72.5100, 87.9999, 70.5959



39.8073, 44.6083, 12.9914



15.3007, 18.9946, 14.4585



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.



24.5533, 41.1544, 13.1287



39.8950, 72.3397, 16.9586



25.5073, 41.3974, 24.4166



10.0511, 11.3138, 10.7159



12.9473, 25.5034, 4.2403



0.5964, 1.1210, 0.1849

Inverse Universe

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



31.0112, 18.4975, 52.9771



52.4148, 27.8435, 95.0816



30.0437, 18.5061, 30.0071



10.3779, 10.1860, 12.7039



17.5425, 8.3039, 34.2348



0.7914, 0.3760, 1.4808

Previews

White Background



This preview shows how the XYZ color 24.5523, 41.1527, 13.1278 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 24.5523, 41.1527, 13.1278 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 24.5523, 41.1527, 13.1278

Background



This preview shows how black text looks on a background with the XYZ color 24.5523, 41.1527, 13.1278.



This preview shows how white text looks on a background with the XYZ color 24.5523, 41.1527,

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

24.5523, 41.1527, 13.1278

Protanopia

36.8112, 40.4782, 11.1831

Deuteranopia

41.0600, 40.1668, 13.7725



Tritanopia

33.6312, 41.0188, 58.3694

Trichromacy



Original Color

24.5523, 41.1527, 13.1278



Protanomaly

30.3625, 39.4547, 11.8096



Deuteranomaly

32.3099, 38.9583, 13.4062



Tritanomaly

29.0521, 40.3881, 35.9702

Monochromacy



Original Color

24.5523, 41.1527, 13.1278



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

25.7204, 32.8274, 23.3931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5523, 41.1527, 13.1278 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(88, 194, 74)` looks like.

```
.text, #text, p{  
    color:rgb(88, 194, 74)  
}
```

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(88, 194, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 194, 74) }
```

Border

The CSS property to change the border of an element to XYZ 24.5523, 41.1527, 13.1278 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(88, 194, 74) }
```


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

```
.border{ border-color:rgb(88, 194, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 194, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 194, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 194, 74);  
box-shadow:4px 4px 4px 4px rgb(88, 194,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5523, 41.1527, 13.1278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 194, 74) }
```

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

```
.background{ background-color: rgb(88, 194,  
74) }
```

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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