

Converting Colors

XYZ(24.7472, 42.6453, 11.1496)

Have a look what the booklet for
XYZ(24.7472, 42.6453, 11.1496)
contains.

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Color

**XYZ(24.7560, 42.6457,
11.2016)**

Conversions

Conversions Part 1

Format	Color
Hex	55C63C
RGB	85, 198, 60
RGB Percent	33%, 78%, 24%
CMY	0.6667, 0.2235, 0.7647
CMYK	0.57, 0.00, 0.70, 0.22
HSL	109°, 55%, 51%
HSV	109°, 70%, 78%
XYZ	24.7560, 42.6457, 11.2016
YIQ	148.4810, -23.0500, -66.8740

Conversions

Conversions Part 2

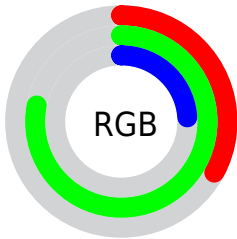
Format	Color
RYB	60, 198, 173
Decimal	5621308
CIELab	71.31, -57.04, 56.83
CIELCh	71, 80.516, 135.107
Yxy	42.6457, 0.3149, 0.5425
Android (android.graphics.Color)	4283811388 (0xFF55C63C)
YUV	148.4810, -43.6211, -55.6728
Hunter-Lab	65.3037, -46.6138, 35.5425

Details

The XYZ color **24.7560, 42.6457, 11.2016** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **29.0450, 16.1947, 55.0234**, and the grayscale version is **28.5342, 30.0202, 32.6920**.

A 20% lighter version of the original color is **50.4743, 78.7546, 28.4605**, and **9.8225, 19.6449, 3.2742** is the 20% darker color. If you saturate the color by 10%, you get **23.0205, 41.8019, 8.8810**, and if you desaturate by 10%, it is **27.0266, 43.7453, 14.5709**.

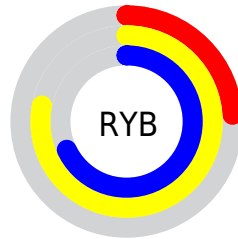
Distribution



Red (33%)

Green (78%)

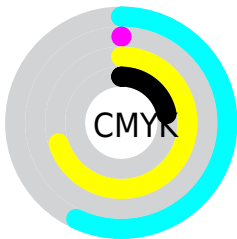
Blue (24%)



Red (24%)

Yellow (78%)

Blue (68%)

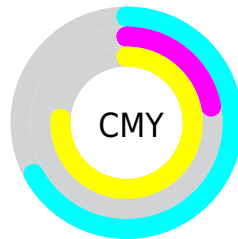


Cyan (57%)

Magenta (0%)

Yellow (70%)

Black (22%)



Cyan (67%)

Magenta (22%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7560, 42.6457, 11.2016 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 24.7560, 42.6457, 11.2016 by changing the saturation by 10% instead.

■ 24.7560, 42.6457,
11.2016

■ 24.7560, 42.6457,
11.2016

268.9907,
357.1527, 209.8323

■ 16.0231, 29.6072,
6.0867

■ 50.7069, 79.1759,
28.6747

■ 9.6315, 19.5407,
2.8282

■ 68.6555, 103.4365,
41.8700

■ 5.2157, 12.0616,
1.0076

■ 90.4069, 132.2065,
58.5958

■ 2.4104, 6.7856,
0.0000

■ 116.3262,
165.8704, 79.2708

■ 0.8503, 3.3284,
0.0000

■ 146.7789,
204.8126, 104.3134

■ 0.0000, 1.3055,
0.0000

182.1303,

■ 0.0000, 0.1454,

249.4174, 134.1421

0.0000

222.7458,
300.0693, 169.1756

■ 0.0000, 0.0000,
0.0000

■ 24.7560, 42.6457,
11.2016

■ 24.7560, 42.6457,
11.2016

■ 23.0205, 41.8019,
8.8810

■ 27.0266, 43.7453,
14.5709

■ 21.7707, 41.1872,
7.4833

■ 29.8699, 45.1140,
19.0902

■ 20.9384, 40.7728,
6.7837

■ 33.3237, 46.7705,
24.8520

■ 20.9178, 40.7625,
6.7655

■ 37.4214, 48.7304,
31.9387

■ 42.1941, 51.0079,
40.4254

■ 47.6706, 53.6165,
50.3819

■ 53.8784, 56.5687,
61.8732

■ 60.8430, 59.8767,
74.9602

■ 68.5892, 63.5518,
89.7008

Harmonies

Analogous

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



34.1246, 42.6457, 5.2529



24.7560, 42.6457, 11.2016



20.2322, 42.6457, 29.7964

Triad

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



24.7560, 42.6457, 11.2016



34.2080, 42.6457, 162.0636



71.1940, 42.6457, 29.5976

Complementary

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



24.7560, 42.6457, 11.2016



29.0450, 16.1947, 55.0234

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.



71.2305, 42.6457, 68.3362



24.7560, 42.6457, 11.2016



47.6984, 42.6457, 161.8985

Square

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



24.7560, 42.6457, 11.2016



24.8053, 42.6457, 121.7386



61.8972, 42.6457, 121.3663



61.8065, 42.6457, 11.1258

Rectangle

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



24.7560, 42.6457, 11.2016



19.7511, 42.6457, 53.3862



61.8972, 42.6457, 121.3663



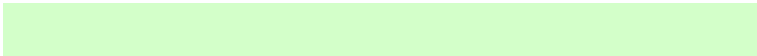
72.3587, 42.6457, 40.1130

Sweetspot

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



24.7570, 42.6475, 11.2025



73.2625, 89.6292, 68.9751



38.9923, 42.1063, 10.3478



15.1598, 18.9356, 13.8320



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.



24.7570, 42.6475, 11.2025



39.4312, 73.3667, 14.1625



24.5424, 42.3442, 19.8978



10.6737, 11.9787, 11.3123



13.6554, 26.5349, 4.4020



0.7028, 1.2854, 0.2111

Inverse Universe

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



29.0450, 16.1947, 55.0234



47.2147, 23.4218, 96.6401



30.7639, 17.5817, 32.4769



10.8874, 10.7158, 13.4120



16.4030, 7.6903, 35.3642



0.8272, 0.3902, 1.6769

Previews

White Background



This preview shows how the XYZ color 24.7560, 42.6457, 11.2016 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 24.7560, 42.6457, 11.2016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

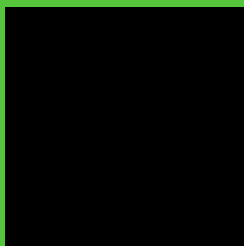
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.7560, 42.6457, 11.2016

Background



This preview shows how black text looks on a background with the XYZ color 24.7560, 42.6457, 11.2016.



This preview shows how white text looks on a background with the XYZ color 24.7560, 42.6457,

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

24.7560, 42.6457, 11.2016

Protanopia

38.0500, 42.0078, 9.5929

Deuteranopia

42.6492, 41.8252, 11.9561



Tritanopia

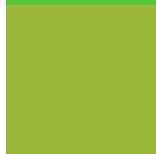
34.7137, 42.4455, 61.0068

Trichromacy



Original Color

24.7560, 42.6457, 11.2016



Protanomaly

30.9737, 41.0225, 10.0270



Deuteranomaly

32.9140, 40.1865, 11.4909



Tritanomaly

29.4318, 41.8804, 34.9663

Monochromacy



Original Color

24.7560, 42.6457, 11.2016



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

25.2461, 32.8934, 21.5414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7560, 42.6457, 11.2016 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(85, 198, 60)` looks like.

```
.text, #text, p{  
    color:rgb(85, 198, 60)  
}
```

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(85, 198, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 198, 60) }
```

Border

The CSS property to change the border of an element to XYZ 24.7560, 42.6457, 11.2016 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(85, 198, 60) }
```


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

```
.border{ border-color:rgb(85, 198, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 198, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 198, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 198, 60);  
box-shadow:4px 4px 4px 4px rgb(85, 198,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7560, 42.6457, 11.2016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 198, 60) }
```

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

```
.background{ background-color: rgb(85, 198,  
60) }
```

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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