

Converting Colors

XYZ(25.8745, 39.4299, 11.2970)

Have a look what the booklet for
XYZ(25.8745, 39.4299, 11.2970)
contains.

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Color

**XYZ(25.7155, 39.2125,
11.2144)**

Conversions

Conversions Part 1

Format	Color
Hex	74BA41
RGB	116, 186, 65
RGB Percent	45%, 73%, 25%
CMY	0.5451, 0.2706, 0.7451
CMYK	0.38, 0.00, 0.65, 0.27
HSL	95°, 48%, 49%
HSV	95°, 65%, 73%
XYZ	25.7155, 39.2125, 11.2144
YIQ	151.2760, -2.8790, -52.4710

Conversions

Conversions Part 2

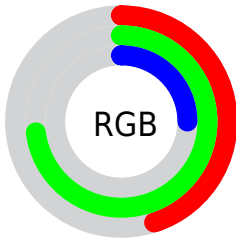
Format	Color
RYB	65, 186, 135
Decimal	7649857
CIELab	68.90, -42.58, 52.64
CIELCh	69, 67.706, 128.972
Yxy	39.2125, 0.3377, 0.5150
Android (android.graphics.Color)	4285839937 (0xFF74BA41)
YUV	151.2760, -42.5341, -30.9371
Hunter-Lab	62.6199, -36.2819, 33.2159

Details

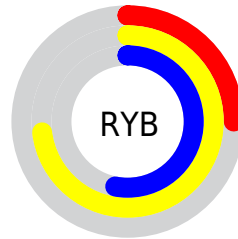
The XYZ color **25.7155, 39.2125, 11.2144** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **20.7468, 12.4779, 47.7716**, and the grayscale version is **29.7122, 31.2596, 34.0417**.

A 20% lighter version of the original color is **52.3339, 74.1798, 28.6994**, and **10.1147, 17.4632, 2.8376** is the 20% darker color. If you saturate the color by 10%, you get **23.9147, 38.3377, 8.7661**, and if you desaturate by 10%, it is **27.8614, 40.2471, 14.6064**.

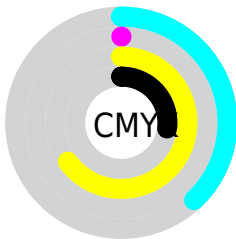
Distribution



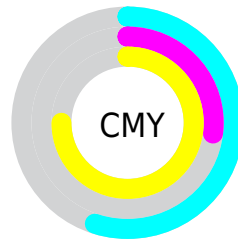
- Red (45%)
- Green (73%)
- Blue (25%)



- Red (25%)
- Yellow (73%)
- Blue (53%)



- Cyan (38%)
- Magenta (0%)
- Yellow (65%)
- Black (27%)





- Cyan (55%)
- Magenta (27%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7155, 39.2125, 11.2144 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 25.7155, 39.2125, 11.2144 by changing the saturation by 10% instead.


 25.7155, 39.2125,
11.2144


 25.7155, 39.2125,
11.2144


273.6651,
342.7931, 209.9226


 16.7425, 26.9251,
6.0953


 52.2502, 73.9628,
28.6986

 10.1452, 17.5170,
2.8334


 70.5426, 97.1945,
41.9008


 5.5584, 10.6038,
1.0102


 92.6722, 124.8431,
58.6344

 2.6165, 5.8011,
0.0000

 119.0043,
157.2930, 79.3179

 0.9544, 2.7245,
0.0000

 149.9043,
194.9285, 104.3700

 0.0000, 0.9896,
0.0000

185.7375,

 0.0000, 0.0000,

238.1341, 134.2091

0.0000

226.8693,
287.2942, 169.2538

■ 25.7155, 39.2125,
11.2144

■ 25.7155, 39.2125,
11.2144

■ 23.9147, 38.3377,
8.7661

■ 27.8614, 40.2471,
14.6064

■ 22.4322, 37.6074,
7.1629

■ 30.3705, 41.4455,
19.0226

■ 21.2410, 37.0114,
6.2887

■ 33.2630, 42.8176,
24.5379

■ 20.7339, 36.7558,
6.0018

■ 36.5565, 44.3709,
31.2193

■ 40.2674, 46.1127,
39.1286

■ 44.4110, 48.0496,
48.3231

■ 49.0019, 50.1879,
58.8567

■ 54.0539, 52.5337,
70.7800

■ 59.5803, 55.0926,
84.1412

Harmonies

Analogous

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



34.1366, 39.2125, 6.8413



25.7155, 39.2125, 11.2144



21.1046, 39.2125, 24.7709

Triad

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



25.7155, 39.2125, 11.2144



30.3296, 39.2125, 125.2993



61.6640, 39.2125, 34.1075

Complementary

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



25.7155, 39.2125, 11.2144



20.7468, 12.4779, 47.7716

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.



60.1043, 39.2125, 67.6765



25.7155, 39.2125, 11.2144



40.5901, 39.2125, 132.0173

Square

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



25.7155, 39.2125, 11.2144



23.3905, 39.2125, 91.8443



51.8527, 39.2125, 107.3002



55.7764, 39.2125, 15.2239

Rectangle

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



25.7155, 39.2125, 11.2144



20.1779, 39.2125, 41.6414



51.8527, 39.2125, 107.3002



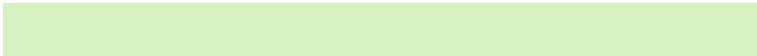
62.0140, 39.2125, 43.7677

Sweetspot

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



25.7164, 39.2142, 11.2153



69.3374, 81.8684, 63.0690



29.6708, 27.7530, 8.7946



14.8589, 17.8361, 13.0211



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.



25.7164, 39.2142, 11.2153



42.1380, 68.8939, 14.4808



20.9449, 36.7254, 12.3003



9.2395, 10.2401, 9.5965



14.0302, 24.7691, 4.0415



0.5656, 0.9098, 0.1458

Inverse Universe

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



20.7468, 12.4779, 47.7716



32.3765, 16.7449, 85.7271



30.1708, 17.4324, 43.8611



9.0053, 8.9691, 11.3360



10.1784, 4.5584, 31.5965



0.4278, 0.1963, 1.1171

Previews

White Background



This preview shows how the XYZ color 25.7155, 39.2125, 11.2144 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 25.7155, 39.2125, 11.2144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

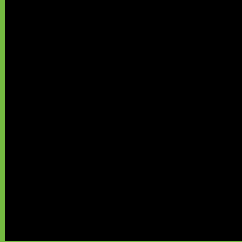
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.7155, 39.2125, 11.2144

Background



This preview shows how black text looks on a background with the XYZ color 25.7155, 39.2125, 11.2144.



This preview shows how white text looks on a background with the XYZ color 25.7155, 39.2125,

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

25.7155, 39.2125, 11.2144

Protanopia

35.3118, 38.8963, 9.9216

Deuteranopia

39.3663, 38.5561, 11.8458



Tritanopia

34.2048, 39.0538, 53.3123

Trichromacy



Original Color

25.7155, 39.2125, 11.2144

Protanomaly

30.8974, 38.5848, 10.3766

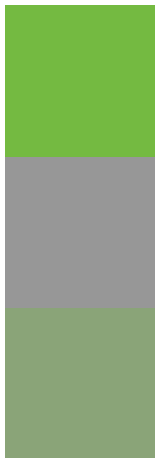
Deuteranomaly

32.7809, 37.8295, 11.5353

Tritanomaly

29.7804, 38.4132, 31.8315

Monochromacy



Original Color

25.7155, 39.2125, 11.2144

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.1469, 33.3103, 22.7680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7155, 39.2125, 11.2144 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(116, 186, 65)` looks like.

```
.text, #text, p{  
    color:rgb(116, 186, 65)  
}
```

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(116, 186, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 186, 65) }
```

Border

The CSS property to change the border of an element to XYZ 25.7155, 39.2125, 11.2144 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(116, 186, 65) }
```


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

```
.border{ border-color:rgb(116, 186, 65) }
```

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

Here you see how a box with a 4 pixel rgb(116, 186, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 186, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 186, 65);  
box-shadow:4px 4px 4px 4px rgb(116, 186,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7155, 39.2125, 11.2144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 186, 65) }
```

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

```
.background{ background-color: rgb(116,  
186, 65) }
```

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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