

Converting Colors

XYZ(25.7621, 40.9857, 19.1236)

Have a look what the booklet for
XYZ(25.7621, 40.9857, 19.1236)
contains.

XYZ(25.7621, 40.9857, 19.1236)	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(25.7621, 40.9857,
19.1236)**

Conversions

Conversions Part 1

Format	Color
Hex	5DC066
RGB	93, 192, 102
RGB Percent	36%, 75%, 40%
CMY	0.6353, 0.2470, 0.6000
CMYK	0.52, 0.00, 0.47, 0.25
HSL	125°, 44%, 56%
HSV	125°, 52%, 75%
XYZ	25.7621, 40.9857, 19.1236
YIQ	152.1390, -30.1140, -48.9780

Conversions

Conversions Part 2

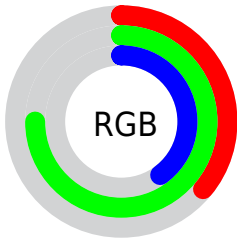
Format	Color
RYB	93, 184, 192
Decimal	6144102
CIELab	70.17, -47.82, 36.56
CIELCh	70, 60.196, 142.604
Yxy	40.9857, 0.3000, 0.4773
Android (android.graphics.Color)	4284334182 (0xFF5DC066)
YUV	152.1390, -24.7185, -51.8649
Hunter-Lab	64.0201, -40.2056, 27.1034

Details

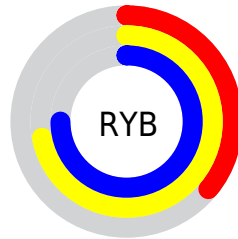
The XYZ color **25.7621, 40.9857, 19.1236** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **34.2010, 22.4548, 47.3325**, and the grayscale version is **30.0186, 31.5820, 34.3927**.

A 20% lighter version of the original color is **52.2861, 76.5685, 42.5953**, and **10.2437, 18.7009, 6.3185** is the 20% darker color. If you saturate the color by 10%, you get **23.2809, 39.7975, 14.9551**, and if you desaturate by 10%, it is **28.9155, 42.5017, 24.2767**.

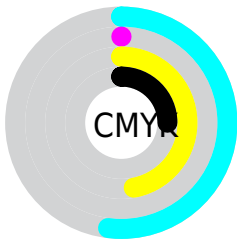
Distribution



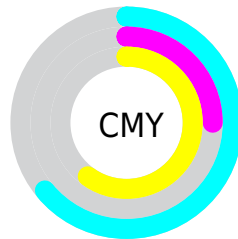
- Red (36%)
- Green (75%)
- Blue (40%)



- Red (36%)
- Yellow (72%)
- Blue (75%)



- Cyan (52%)
- Magenta (0%)
- Yellow (47%)
- Black (25%)



- Cyan (64%)
- Magenta (25%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7621, 40.9857, 19.1236 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 25.7621, 40.9857, 19.1236 by changing the saturation by 10% instead.

■ 25.7621, 40.9857,
19.1236

■ 25.7621, 40.9857,
19.1236

273.8904,
350.2608, 259.5757

■ 16.7775, 28.3079,
11.5819

■ 52.3249, 76.6622,
42.7823

■ 10.1703, 18.5579,
6.3406

■ 70.6339, 100.4297,
59.7364

■ 5.5751, 11.3513,
2.9812

■ 92.7817, 128.6625,
80.6651

■ 2.6267, 6.3036,
1.0850

■ 119.1336,
161.7451, 105.9869

■ 0.9596, 3.0306,
0.0000

150.0552,
200.0618, 136.1203

■ 0.0000, 1.1477,
0.0000

185.9115,

■ 0.0000, 0.0184,

243.9971, 171.4838

0.0000

227.0682,
293.9353, 212.4961

■ 0.0000, 0.0000,
0.0000

■ 25.7621, 40.9857,
19.1236

■ 25.7621, 40.9857,
19.1236

■ 23.2809, 39.7975,
14.9551

■ 28.9155, 42.5017,
24.2767

■ 21.4201, 38.9082,
11.7059

■ 32.7819, 44.3619,
30.4686

■ 20.1252, 38.2924,
9.3074

■ 37.4025, 46.5875,
37.7530

■ 19.3308, 37.9181,
7.6797

■ 42.8145, 49.1966,
46.1790

■ 18.9552, 37.7428,
6.8353

■ 49.0526, 52.2061,
55.7926

■ 56.1495, 55.6320,
66.6374

■ 64.1360, 59.4893,
78.7548

■ 73.0415, 63.7922,
92.1842

■ 78.1404, 66.1808,
103.2635

Harmonies

Analogous

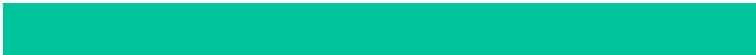
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.1195, 40.9857, 10.9442



25.7621, 40.9857, 19.1236



23.0293, 40.9857, 38.0014

Triad

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



25.7621, 40.9857, 19.1236



36.5680, 40.9857, 122.9325



59.1888, 40.9857, 26.8549

Complementary

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



25.7621, 40.9857, 19.1236



34.2010, 22.4548, 47.3325

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.



60.9202, 40.9857, 51.9799



25.7621, 40.9857, 19.1236



46.6989, 40.9857, 115.7744

Square

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



25.7621, 40.9857, 19.1236



28.5474, 40.9857, 103.0844



56.0245, 40.9857, 86.3434



51.6285, 40.9857, 13.9144

Rectangle

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



25.7621, 40.9857, 19.1236



23.2405, 40.9857, 57.5411



56.0245, 40.9857, 86.3434



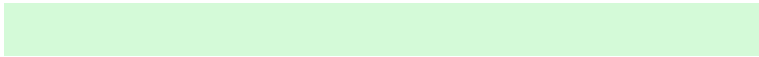
60.5184, 40.9857, 33.8050

Sweetspot

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



25.7631, 40.9874, 19.1245



73.7975, 87.3166, 77.8102



40.5344, 48.6511, 17.6104



15.3833, 18.5160, 15.9945



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.7631, 40.9874, 19.1245



41.6329, 71.8451, 26.1551



28.9306, 42.2544, 35.8040



9.9808, 11.2734, 10.9022



12.7672, 25.4010, 4.6673



0.5645, 1.1027, 0.2696

Inverse Universe

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



34.2010, 22.4548, 47.3325



58.5904, 34.5283, 82.7909



29.9743, 20.7641, 25.0746



10.4565, 10.2312, 12.4946



19.8192, 9.6174, 28.0236



0.8681, 0.4202, 1.2728

Previews

White Background



This preview shows how the XYZ color 25.7621, 40.9857, 19.1236 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 25.7621, 40.9857, 19.1236 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 25.7621, 40.9857, 19.1236

Background



This preview shows how black text looks on a background with the XYZ color 25.7621, 40.9857, 19.1236.



This preview shows how white text looks on a background with the XYZ color 25.7621, 40.9857,

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

25.7621, 40.9857, 19.1236

Protanopia

37.0768, 40.4988, 16.4526

Deuteranopia

41.0343, 40.2776, 20.0796



Tritanopia

33.4271, 40.6107, 58.3014

Trichromacy



Original Color

25.7621, 40.9857, 19.1236



Protanomaly

31.4146, 39.8756, 17.3503



Deuteranomaly

33.0474, 39.2052, 19.4613



Tritanomaly

29.8144, 40.3707, 40.4034

Monochromacy



Original Color

25.7621, 40.9857, 19.1236



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

27.4819, 34.1840, 27.7040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7621, 40.9857, 19.1236 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(93, 192, 102)` looks like.

```
.text, #text, p{  
    color:rgb(93, 192, 102)  
}
```

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(93, 192, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 192, 102) }
```

Border

The CSS property to change the border of an element to XYZ 25.7621, 40.9857, 19.1236 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(93, 192, 102) }
```


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

```
.border{ border-color:rgb(93, 192, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 192, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 192, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 192, 102);  
box-shadow:4px 4px 4px 4px rgb(93, 192,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7621, 40.9857, 19.1236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 192, 102) }
```

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

```
.background{ background-color: rgb(93, 192,  
102) }
```

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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