

Converting Colors

XYZ(36.5031, 45.2645, 18.1223)

Have a look what the booklet for
XYZ(36.5031, 45.2645, 18.1223)
contains.

XYZ(36.5031, 45.2645, 18.1223)	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(36.5031, 45.2645,
18.1223)**

Conversions

Conversions Part 1

Format	Color
Hex	A9BC61
RGB	169, 188, 97
RGB Percent	66%, 74%, 38%
CMY	0.3373, 0.2627, 0.6196
CMYK	0.10, 0.00, 0.48, 0.26
HSL	73°, 40%, 56%
HSV	73°, 48%, 74%
XYZ	36.5031, 45.2645, 18.1223
YIQ	171.9450, 17.8870, -32.3290

Conversions

Conversions Part 2

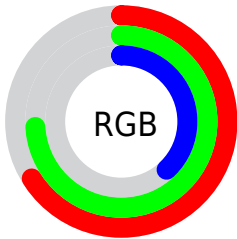
Format	Color
RYB	97, 188, 116
Decimal	11123809
CIELab	73.07, -20.46, 43.55
CIELCh	73, 48.116, 115.169
Yxy	45.2645, 0.3654, 0.4531
Android (android.graphics.Color)	4289313889 (0xFFA9BC61)
YUV	171.9450, -36.9479, -2.5828
Hunter-Lab	67.2789, -20.8904, 31.1248

Details

The XYZ color **36.5031, 45.2645, 18.1223** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **20.5559, 15.8944, 49.5640**, and the grayscale version is **39.3606, 41.4104, 45.0959**.

A 20% lighter version of the original color is **69.2197, 83.0721, 41.2404**, and **16.2473, 21.1780, 5.9208** is the 20% darker color. If you saturate the color by 10%, you get **34.8990, 44.5286, 14.0013**, and if you desaturate by 10%, it is **38.3424, 46.1006, 23.3405**.

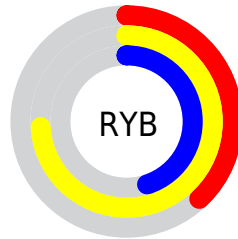
Distribution



Red (66%)

Green (74%)

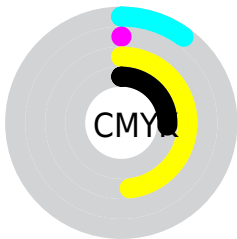
Blue (38%)



Red (38%)

Yellow (74%)

Blue (45%)

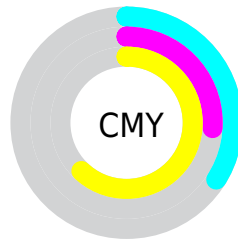


Cyan (10%)

Magenta (0%)

Yellow (48%)

Black (26%)



Cyan (34%)

Magenta (26%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5031, 45.2645, 18.1223 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 36.5031, 45.2645, 18.1223 by changing the saturation by 10% instead.

36.5031, 45.2645,
18.1223

36.5031, 45.2645,
18.1223

322.5472,
367.8437, 253.8187

24.9949, 31.6658,
10.8675

69.1267, 83.1172,
41.0624

16.2020, 21.1064,
5.8647

90.9728, 108.1400,
57.5847

9.7589, 13.2018,
2.6956

116.9956,
137.7396, 78.0332

5.3005, 7.5676,
0.9412

147.5604,
172.3004, 102.8266

2.4612, 3.8196,
0.0000

183.0326,
212.2068, 132.3833

0.8757, 1.5731,
0.0000

223.7776,

0.0000, 0.3394,

257.8433, 167.1218

0.0000

270.1607,
309.5941, 207.4608

■ 0.0000, 0.0000,
0.0000

■ 36.5031, 45.2645,
18.1223

■ 36.5031, 45.2645,
18.1223

■ 34.8990, 44.5286,
14.0013

■ 38.3424, 46.1006,
23.3405

■ 33.5118, 43.8808,
10.8961

■ 40.4274, 47.0363,
29.7238

■ 32.3254, 43.3161,
8.7186


■ 42.7716, 48.0787,
37.3381


■ 31.3198, 42.8266,
7.3647


■ 45.3867, 49.2324,
46.2435


■ 30.4625, 42.3993,
6.6645


■ 48.2836, 50.5019,
56.4961

 30.3317, 42.3338,
6.5726

 51.4725, 51.8912,
68.1489

 54.9630, 53.4043,
81.2517

 58.7645, 55.0448,
95.8523

 61.0282, 56.0733,
102.2144

Harmonies

Analogous

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



44.3993, 45.2645, 16.0350



36.5031, 45.2645, 18.1223



31.0635, 45.2645, 27.2776

Triad

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



36.5031, 45.2645, 18.1223



34.4288, 45.2645, 97.9324



61.2384, 45.2645, 53.2909

Complementary

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



36.5031, 45.2645, 18.1223



20.5559, 15.8944, 49.5640

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.



57.7137, 45.2645, 80.7641



36.5031, 45.2645, 18.1223



41.6745, 45.2645, 111.3620

Square

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



36.5031, 45.2645, 18.1223



29.9799, 45.2645, 71.7303



50.2754, 45.2645, 104.2296



59.3867, 45.2645, 32.0915

Rectangle

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



36.5031, 45.2645, 18.1223



29.2031, 45.2645, 38.3524



50.2754, 45.2645, 104.2296



60.6312, 45.2645, 62.1205

Sweetspot

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



36.5042, 45.2665, 18.1233



78.9559, 87.7690, 72.5058



29.0519, 23.8629, 14.3847



16.7708, 18.7822, 14.8916



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.



36.5042, 45.2665, 18.1233



63.0989, 80.6290, 25.0209



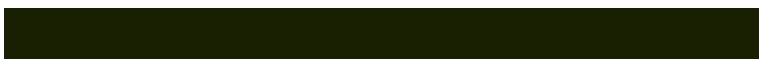
28.4981, 41.1392, 17.7486



10.1219, 11.0172, 10.1697



20.7135, 28.8541, 4.4777



0.8613, 1.1560, 0.1777

Inverse Universe

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



20.5559, 15.8944, 49.5640



30.8718, 21.1876, 88.6887



27.9909, 19.7273, 49.9120



9.1977, 9.3188, 11.9861



6.8079, 2.7957, 32.5737



0.3221, 0.1381, 1.2785

Previews

White Background



This preview shows how the XYZ color 36.5031, 45.2645, 18.1223 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 36.5031, 45.2645, 18.1223 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 36.5031, 45.2645, 18.1223

Background



This preview shows how black text looks on a background with the XYZ color 36.5031, 45.2645, 18.1223.



This preview shows how white text looks on a background with the XYZ color 36.5031, 45.2645,

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

36.5031, 45.2645, 18.1223

Protanopia

41.1664, 44.9187, 17.0901

Deuteranopia

45.8253, 44.9708, 18.5769



Tritanopia

43.9485, 44.9092, 55.6422

Trichromacy



Original Color

36.5031, 45.2645, 18.1223

Protanomaly

39.2870, 44.8469, 17.4121

Deuteranomaly

41.8418, 44.6437, 18.4684

Tritanomaly

40.5142, 44.7122, 38.3933

Monochromacy



Original Color

36.5031, 45.2645, 18.1223

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

37.8258, 42.5431, 33.0061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5031, 45.2645, 18.1223 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(169, 188, 97)` looks like.

```
.text, #text, p{  
    color:rgb(169, 188, 97)  
}
```

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(169, 188, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 188, 97) }
```

Border

The CSS property to change the border of an element to XYZ 36.5031, 45.2645, 18.1223 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(169, 188, 97) }
```


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

```
.border{ border-color:rgb(169, 188, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 188, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 188, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 188, 97);  
box-shadow:4px 4px 4px 4px rgb(169, 188,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5031, 45.2645, 18.1223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 188, 97) }
```

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

```
.background{ background-color: rgb(169,  
188, 97) }
```

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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