

Converting Colors

XYZ(28.8772, 45.3699, 23.4175)

Have a look what the booklet for
XYZ(28.8772, 45.3699, 23.4175)
contains.

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Color

**XYZ(29.0182, 45.6078,
23.4934)**

Conversions

Conversions Part 1

Format	Color
Hex	62C973
RGB	98, 201, 115
RGB Percent	38%, 79%, 45%
CMY	0.6157, 0.2117, 0.5490
CMYK	0.51, 0.00, 0.43, 0.21
HSL	130°, 49%, 59%
HSV	130°, 51%, 79%
XYZ	29.0182, 45.6078, 23.4934
YIQ	160.3990, -33.7820, -48.5820

Conversions

Conversions Part 2

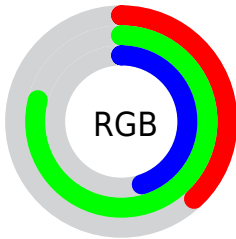
Format	Color
R _Y B	98, 186, 201
Decimal	6474099
CIE Lab	73.29, -48.19, 33.99
CIE LCh	73, 58.976, 144.804
Yxy	45.6078, 0.2957, 0.4648
Android (android.graphics.Color)	4284664179 (0xFF62C973)
YUV	160.3990, -22.3817, -54.7239
Hunter-Lab	67.5335, -41.4848, 26.6478

Details

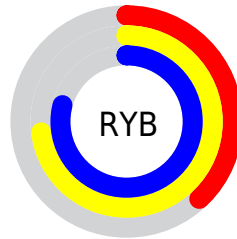
The XYZ color **29.0182, 45.6078, 23.4934** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **37.1083, 24.6145, 48.1443**, and the grayscale version is **33.7102, 35.4658, 38.6222**.

A 20% lighter version of the original color is **56.3455, 81.3157, 49.7716**, and **11.9262, 21.2967, 8.4831** is the 20% darker color. If you saturate the color by 10%, you get **26.2363, 44.2766, 18.7731**, and if you desaturate by 10%, it is **32.5228, 47.2938, 29.1673**.

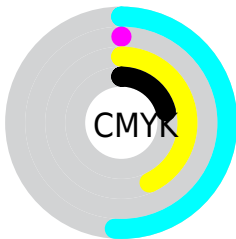
Distribution



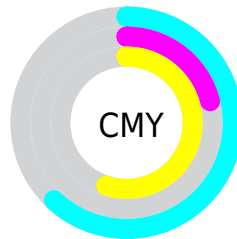
- Red (38%)
- Green (79%)
- Blue (45%)



- Red (38%)
- Yellow (73%)
- Blue (79%)



- Cyan (51%)
- Magenta (0%)
- Yellow (43%)
- Black (21%)



- Cyan (62%)
- Magenta (21%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0182, 45.6078, 23.4934 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 29.0182, 45.6078, 23.4934 by changing the saturation by 10% instead.

■ 29.0182, 45.6078,
23.4934

■ 29.0182, 45.6078,
23.4934

289.2935,
369.2296, 283.4528

■ 19.2389, 31.9364,
14.7495

■ 57.5034, 83.6317,
50.1357

■ 11.9481, 21.3130,
8.4991

■ 76.9400, 108.7531,
68.8711

■ 6.7803, 13.3530,
4.3236

■ 100.3264,
138.4599, 91.7742

■ 3.3702, 7.6720,
1.8045

■ 128.0280,
173.1366, 119.2634

■ 1.3524, 3.8858,
0.4309

160.4102,
213.1675, 151.7574

■ 0.2219, 1.6099,
0.0000

197.8383,

■ 0.0000, 0.3643,

258.9370, 189.6746

0.0000

240.6776,
310.8296, 233.4335

■ 0.0000, 0.0000,
0.0000

■ 29.0182, 45.6078,
23.4934

■ 29.0182, 45.6078,
23.4934

■ 26.2363, 44.2766,
18.7731

■ 32.5228, 47.2938,
29.1673

■ 24.1225, 43.2693,
14.9512

■ 36.7926, 49.3518,
35.8399

■ 22.6200, 42.5591,
11.9712

■ 41.8712, 51.8043,
43.5572

■ 21.6604, 42.1122,
9.7692

■ 47.7975, 54.6707,
52.3616

■ 21.1645, 41.8859,
8.4211

■ 54.6082, 57.9690,
62.2927

■ 62.3376, 61.7161,
73.3887

■ 71.0184, 65.9280,
85.6854

■ 79.2677, 69.8911,
99.1514

■ 80.1775, 70.2551,
103.9425

Harmonies

Analogous

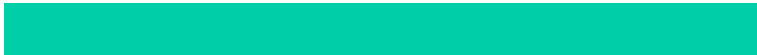
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.5146, 45.6078, 13.7800



29.0182, 45.6078, 23.4934



26.3775, 45.6078, 44.6683

Triad

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



29.0182, 45.6078, 23.4934



41.5692, 45.6078, 130.9380



64.0710, 45.6078, 29.3581

Complementary

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



29.0182, 45.6078, 23.4934



37.1083, 24.6145, 48.1443

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.



66.3774, 45.6078, 55.0086



29.0182, 45.6078, 23.4934



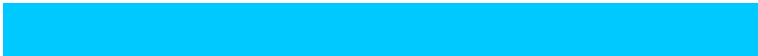
52.2579, 45.6078, 121.5693

Square

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



29.0182, 45.6078, 23.4934



32.8477, 45.6078, 112.4214



61.7579, 45.6078, 90.3510



55.8788, 45.6078, 16.0977

Rectangle

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



29.0182, 45.6078, 23.4934



26.7960, 45.6078, 65.7162



61.7579, 45.6078, 90.3510



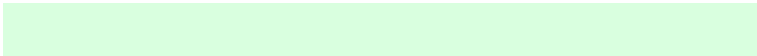
65.6103, 45.6078, 36.4571

Sweetspot

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



29.0193, 45.6097, 23.4944



77.6288, 91.5646, 83.4390



43.2336, 53.0402, 19.5148



16.1519, 19.3742, 17.1701



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.



29.0193, 45.6097, 23.4944



44.6645, 75.6819, 31.6976



32.7120, 47.0867, 42.9394



10.5677, 11.9160, 11.6737



13.3298, 26.3443, 5.4155



0.6541, 1.2566, 0.3773

Inverse Universe

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



37.1083, 24.6145, 48.1443



59.9330, 35.9446, 78.1468



32.7630, 22.8764, 25.2622



11.0050, 10.7854, 13.0097



19.6079, 9.5927, 24.2089



0.9490, 0.4624, 1.2547

Previews

White Background



This preview shows how the XYZ color 29.0182, 45.6078, 23.4934 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 29.0182, 45.6078, 23.4934 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 29.0182, 45.6078, 23.4934

Background



This preview shows how black text looks on a background with the XYZ color 29.0182, 45.6078, 23.4934.



This preview shows how white text looks on a background with the XYZ color 29.0182, 45.6078,

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

29.0182, 45.6078, 23.4934

Protanopia

41.5389, 45.0375, 20.4137

Deuteranopia

45.8073, 44.8271, 24.6505



Tritanopia

37.1618, 45.2051, 65.1593

Trichromacy



Original Color

29.0182, 45.6078, 23.4934



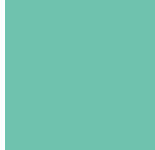
Protanomaly

35.0820, 44.1400, 21.4227



Deuteranomaly

37.0710, 43.5585, 23.9065



Tritanomaly

33.3902, 44.9802, 46.4574

Monochromacy



Original Color

29.0182, 45.6078, 23.4934



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

30.6805, 37.9919, 32.1017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0182, 45.6078, 23.4934 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(98, 201, 115)` looks like.

```
.text, #text, p{  
    color:rgb(98, 201, 115)  
}
```

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(98, 201, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 201, 115) }
```

Border

The CSS property to change the border of an element to XYZ 29.0182, 45.6078, 23.4934 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(98, 201, 115) }
```


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

```
.border{ border-color:rgb(98, 201, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 201, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 201, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 201, 115);  
box-shadow:4px 4px 4px 4px rgb(98, 201,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0182, 45.6078, 23.4934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 201, 115) }
```

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

```
.background{ background-color: rgb(98, 201,  
115) }
```

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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