

Converting Colors

XYZ(36.8844, 45.4947, 26.7214)

Have a look what the booklet for
XYZ(36.8844, 45.4947, 26.7214)
contains.

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Color

**XYZ(36.8638, 45.5829,
26.5941)**

Conversions

Conversions Part 1

Format	Color
Hex	A2BD7E
RGB	162, 189, 126
RGB Percent	64%, 74%, 49%
CMY	0.3647, 0.2588, 0.5059
CMYK	0.14, 0.00, 0.33, 0.26
HSL	86°, 32%, 62%
HSV	86°, 33%, 74%
XYZ	36.8638, 45.5829, 26.5941
YIQ	173.7450, 4.1310, -25.3170

Conversions

Conversions Part 2

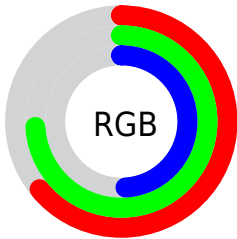
Format	Color
RYB	126, 189, 153
Decimal	10665342
CIELab	73.27, -20.17, 28.90
CIELCh	73, 35.244, 124.907
Yxy	45.5829, 0.3381, 0.4180
Android (android.graphics.Color)	4288855422 (0xFFA2BD7E)
YUV	173.7450, -23.5383, -10.3004
Hunter-Lab	67.5151, -20.6890, 23.9063

Details

The XYZ color **36.8638, 45.5829, 26.5941** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **29.7848, 25.3694, 51.4735**, and the grayscale version is **40.2177, 42.3121, 46.0779**.

A 20% lighter version of the original color is **69.7025, 83.4649, 55.0845**, and **16.4153, 21.3813, 10.0993** is the 20% darker color. If you saturate the color by 10%, you get **34.1650, 44.3209, 20.6920**, and if you desaturate by 10%, it is **39.9014, 46.9957, 33.7167**.

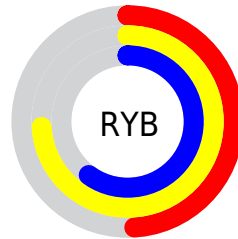
Distribution



Red (64%)

Green (74%)

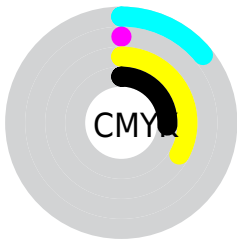
Blue (49%)



Red (49%)

Yellow (74%)

Blue (60%)

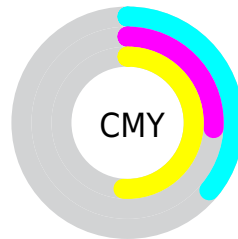


Cyan (14%)

Magenta (0%)

Yellow (33%)

Black (26%)



Cyan (36%)

Magenta (26%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.8638, 45.5829, 26.5941 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 36.8638, 45.5829, 26.5941 by changing the saturation by 10% instead.

■ 36.8638, 45.5829,
26.5941

■ 36.8638, 45.5829,
26.5941

324.0863,
369.1292, 299.3842

■ 25.2752, 31.9168,
17.0389

■ 69.6785, 83.5944,
55.2276

■ 16.4121, 21.2980,
10.1000

■ 91.6353, 108.7086,
75.1430

■ 9.9089, 13.3420,
5.3588

■ 117.7789,
138.4077, 99.3489

■ 5.4004, 7.6645,
2.3969

148.4746,
173.0760, 128.2638

■ 2.5212, 3.8810,
0.7848

184.0879,
213.0979, 162.3062

■ 0.9060, 1.6072,
0.0000

224.9840,

■ 0.0000, 0.3625,

258.8578, 201.8947

0.0000

271.5283,
310.7401, 247.4478

■ 0.0000, 0.0000,
0.0000

■ 36.8638, 45.5829,
26.5941

■ 36.8638, 45.5829,
26.5941

■ 34.1650, 44.3209,
20.6920

■ 39.9014, 46.9957,
33.7167

■ 31.7866, 43.1975,
15.9389

■ 43.2882, 48.5592,
42.1200

■ 29.7133, 42.2080,
12.2602


■ 47.0384, 50.2808,
51.8639


■ 27.9271, 41.3448,
9.5715


■ 51.1644, 52.1655,
63.0037


■ 26.4073, 40.5995,
7.7758


■ 55.6778, 54.2183,
75.5913


 25.1296, 39.9620,
6.7563

 60.5897, 56.4438,
89.6763

 24.3822, 39.5848,
6.3556

 65.3740, 58.6318,
102.4792

 67.8667, 59.9168,
102.5959

 70.4796, 61.2638,
102.7182

Harmonies

Analogous

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



42.3149, 45.5829, 22.8237



36.8638, 45.5829, 26.5941



33.4138, 45.5829, 36.5318

Triad

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



36.8638, 45.5829, 26.5941



38.4701, 45.5829, 87.3525



56.3012, 45.5829, 46.7727

Complementary

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



36.8638, 45.5829, 26.5941



29.7848, 25.3694, 51.4735

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.



55.0250, 45.5829, 65.5404



36.8638, 45.5829, 26.5941



44.3514, 45.5829, 91.9391

Square

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



36.8638, 45.5829, 26.5941



34.2775, 45.5829, 71.8095



50.5006, 45.5829, 83.1704



53.8395, 45.5829, 32.5671

Rectangle

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



36.8638, 45.5829, 26.5941



32.5166, 45.5829, 46.6663



50.5006, 45.5829, 83.1704



56.2972, 45.5829, 52.7208

Sweetspot

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



36.8650, 45.5849, 26.5951



79.5854, 87.9127, 80.7068



36.0227, 34.8644, 24.5702



16.9166, 18.8143, 16.8470



90.7827, 95.5105, 104.0109



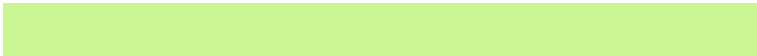
18.6292, 19.5994, 21.3438

Same Dimension

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



36.8650, 45.5849, 26.5951



62.4313, 79.9594, 39.6976



31.3637, 42.7489, 26.3376



9.9165, 10.9114, 10.1601



16.4932, 26.6784, 4.2802



0.7195, 1.0829, 0.1711

Inverse Universe

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



29.7848, 25.3694, 51.4735



47.8150, 38.2101, 91.0814



36.3552, 28.7565, 51.7810



9.3938, 9.4199, 11.9953



8.5476, 3.6925, 32.6551



0.4098, 0.1833, 1.2826

Previews

White Background



This preview shows how the XYZ color 36.8638, 45.5829, 26.5941 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 36.8638, 45.5829, 26.5941 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 36.8638, 45.5829, 26.5941

Background



This preview shows how black text looks on a background with the XYZ color 36.8638, 45.5829, 26.5941.



This preview shows how white text looks on a background with the XYZ color 36.8638, 45.5829,

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

36.8638, 45.5829, 26.5941

Protanopia

41.8811, 45.1147, 24.9130

Deuteranopia

46.2224, 45.2629, 27.4195



Tritanopia

43.1848, 45.3533, 58.1077

Trichromacy



Original Color

36.8638, 45.5829, 26.5941

Protanomaly

39.8000, 45.2421, 25.3738

Deuteranomaly

42.1310, 44.8951, 27.2140

Tritanomaly

40.3376, 45.0941, 44.6082

Monochromacy



Original Color

36.8638, 45.5829, 26.5941

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

38.7835, 43.2206, 38.1966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8638, 45.5829, 26.5941 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(162, 189, 126)` looks like.

```
.text, #text, p{  
    color:rgb(162, 189, 126)  
}
```

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(162, 189, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 189, 126) }
```

Border

The CSS property to change the border of an element to XYZ 36.8638, 45.5829, 26.5941 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(162, 189, 126) }
```


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

```
.border{ border-color:rgb(162, 189, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 189, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 189, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 189, 126);  
box-shadow:4px 4px 4px 4px rgb(162, 189,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8638, 45.5829, 26.5941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 189, 126) }
```

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

```
.background{ background-color: rgb(162,  
189, 126) }
```

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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