

Converting Colors

XYZ(44.3578, 51.0630, 27.5969)

Have a look what the booklet for
XYZ(44.3578, 51.0630, 27.5969)
contains.

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Color

**XYZ(44.3578, 51.0630,
27.5969)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC27F
RGB	190, 194, 127
RGB Percent	75%, 76%, 50%
CMY	0.2549, 0.2392, 0.5020
CMYK	0.02, 0.00, 0.35, 0.24
HSL	64°, 35%, 63%
HSV	64°, 35%, 76%
XYZ	44.3578, 51.0630, 27.5969
YIQ	185.1660, 19.1230, -21.6850

Conversions

Conversions Part 2

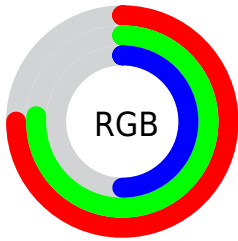
Format	Color
RYB	127, 194, 131
Decimal	12501631
CIELab	76.72, -11.81, 33.29
CIELCh	77, 35.320, 109.531
Yxy	51.0630, 0.3606, 0.4151
Android (android.graphics.Color)	4290691711 (0xFFBEC27F)
YUV	185.1660, -28.6758, 4.2394
Hunter-Lab	71.4584, -14.2483, 27.1233

Details

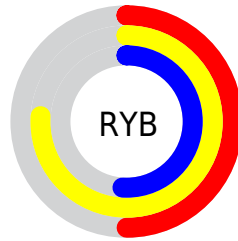
The XYZ color **44.3578, 51.0630, 27.5969** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.6889, 23.9003, 54.2484**, and the grayscale version is **46.3548, 48.7688, 53.1093**.

A 20% lighter version of the original color is **80.7816, 91.4407, 56.5722**, and **21.0178, 24.8198, 10.7041** is the 20% darker color. If you saturate the color by 10%, you get **42.9253, 50.4585, 21.5535**, and if you desaturate by 10%, it is **46.0386, 51.7707, 34.9248**.

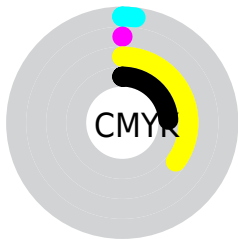
Distribution



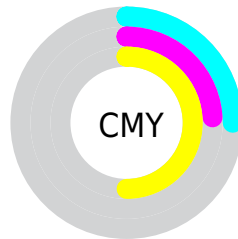
- Red (75%)
- Green (76%)
- Blue (50%)



- Red (50%)
- Yellow (76%)
- Blue (51%)



- Cyan (2%)
- Magenta (0%)
- Yellow (35%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3578, 51.0630, 27.5969 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 44.3578, 51.0630, 27.5969 by changing the saturation by 10% instead.

■ 44.3578, 51.0630,
27.5969

■ 44.3578, 51.0630,
27.5969

354.9940,
390.8085, 304.3868

■ 31.1510, 36.2587,
17.7856

■ 80.9989, 91.7479,
56.8556

■ 20.8663, 24.6341,
10.6283

■ 105.1639,
118.3973, 77.1400

■ 13.1382, 15.8047,
5.7065

■ 133.7124,
149.7639, 101.7526

■ 7.6014, 9.3860,
2.6016

167.0097,
186.2321, 131.1119

■ 3.8906, 4.9938,
0.8933

205.4211,
228.1863, 165.6365

■ 1.6404, 2.2436,
0.0000

249.3121,

■ 0.4186, 0.7436,

276.0108, 205.7448

0.0000

299.0479,
330.0901, 251.8554

■ 0.0000, 0.0000,
0.0000

■ 44.3578, 51.0630,
27.5969

■ 44.3578, 51.0630,
27.5969

■ 42.9253, 50.4585,
21.5535

■ 46.0386, 51.7707,
34.9248

■ 41.7233, 49.9446,
16.7175

■ 47.9769, 52.5799,
43.6020

■ 40.7376, 49.5175,
13.0086


■ 50.1859, 53.4976,
53.6926


■ 39.9509, 49.1703,
10.3354


■ 52.6769, 54.5284,
65.2559

■ 39.3431, 48.8949,
8.5923


■ 55.4604, 55.6765,
78.3477


 38.8898, 48.6816,
7.6514

 58.5465, 56.9458,
93.0209

 38.6813, 48.5808,
7.3383

 60.6624, 57.8274,
102.5723

 60.9694, 57.9857,
102.5867

 61.2788, 58.1452,
102.6011

Harmonies

Analogous

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



50.9098, 51.0630, 26.6630



44.3578, 51.0630, 27.5969



39.3879, 51.0630, 34.9460

Triad

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



44.3578, 51.0630, 27.5969



40.6519, 51.0630, 88.6113



62.3191, 51.0630, 62.5679

Complementary

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



44.3578, 51.0630, 27.5969



26.6889, 23.9003, 54.2484

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.



58.9961, 51.0630, 83.1119



44.3578, 51.0630, 27.5969



46.2330, 51.0630, 100.2821

Square

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



44.3578, 51.0630, 27.5969



37.3884, 51.0630, 68.8517



52.9641, 51.0630, 98.0658



61.6996, 51.0630, 44.1662

Rectangle

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



44.3578, 51.0630, 27.5969



37.4490, 51.0630, 43.6814



52.9641, 51.0630, 98.0658



61.6150, 51.0630, 69.5080

Sweetspot

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



44.3591, 51.0653, 27.5980



88.6078, 95.9595, 86.6734



34.1098, 29.0614, 23.8910



19.2807, 20.9628, 18.4177



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.



44.3591, 51.0653, 27.5980



78.4711, 91.7126, 41.9774



37.0583, 47.3016, 27.2563



10.8521, 11.7267, 10.7534



25.4553, 31.9516, 4.8256



1.1182, 1.3900, 0.2094

Inverse Universe

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



26.6889, 23.9003, 54.2484



41.9237, 35.5161, 97.1155



32.6074, 26.9515, 54.5254



9.5828, 9.7761, 12.6667



6.5224, 2.6228, 33.7191



0.3014, 0.1234, 1.4578

Previews

White Background



This preview shows how the XYZ color 44.3578, 51.0630, 27.5969 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 44.3578, 51.0630, 27.5969 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 44.3578, 51.0630, 27.5969

Background



This preview shows how black text looks on a background with the XYZ color 44.3578, 51.0630, 27.5969.



This preview shows how white text looks on a background with the XYZ color 44.3578, 51.0630,

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

44.3578, 51.0630, 27.5969

Protanopia

47.0761, 50.8550, 26.7369

Deuteranopia

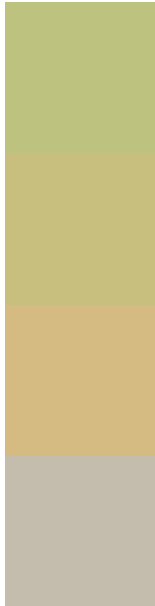
51.9172, 50.8282, 28.1936



Tritanopia

51.3275, 51.0102, 61.7843

Trichromacy



Original Color

44.3578, 51.0630, 27.5969

Protanomaly

46.2161, 51.0473, 27.1559

Deuteranomaly

48.9619, 50.8489, 28.0031

Tritanomaly

48.2910, 50.7193, 46.7798

Monochromacy



Original Color

44.3578, 51.0630, 27.5969

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.1776, 49.2116, 42.2396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3578, 51.0630, 27.5969 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(190, 194, 127)` looks like.

```
.text, #text, p{  
    color:rgb(190, 194, 127)  
}
```

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(190, 194, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 194, 127) }
```

Border

The CSS property to change the border of an element to XYZ 44.3578, 51.0630, 27.5969 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(190, 194, 127) }
```


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

```
.border{ border-color:rgb(190, 194, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 194, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 194, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 194, 127);  
box-shadow:4px 4px 4px 4px rgb(190, 194,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3578, 51.0630, 27.5969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 194, 127) }
```

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

```
.background{ background-color: rgb(190,  
194, 127) }
```

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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