

# Converting Colors

XYZ(53.8530, 58.3694, 26.5172)

Have a look what the booklet for  
XYZ(53.8530, 58.3694, 26.5172)  
contains.

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# Color

**XYZ(53.8530, 58.3694,  
26.5172)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCC979
RGB	220, 201, 121
RGB Percent	86%, 79%, 47%
CMY	0.1373, 0.2117, 0.5255
CMYK	0.00, 0.09, 0.45, 0.14
HSL	48°, 59%, 67%
HSV	48°, 45%, 86%
XYZ	53.8530, 58.3694, 26.5172
YIQ	197.5610, 37.0040, -20.8520

# Conversions

## Conversions Part 2

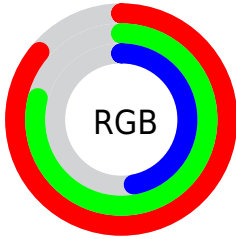
Format	Color
<a href="#">RYB</a>	<a href="#">145, 220, 121</a>
Decimal	<a href="#">14469497</a>
CIELab	<a href="#">80.94, -4.12, 42.25</a>
CIELCh	<a href="#">81, 42.448, 95.572</a>
Yxy	<a href="#">58.3694, 0.3882, 0.4207</a>
Android (android.graphics.Color)	<a href="#">4292659577</a> ( <a href="#">0xFFDCC979</a> )
YUV	<a href="#">197.5610, -37.7446, 19.6790</a>
Hunter-Lab	<a href="#">76.3999, -7.8781, 32.9013</a>

# Details

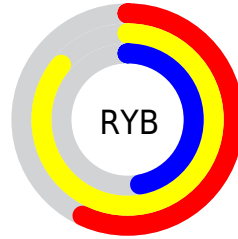
The XYZ color **53.8530, 58.3694, 26.5172** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.1812, 27.9874, 71.5213**, and the grayscale version is **53.6173, 56.4095, 61.4300**.

A 20% lighter version of the original color is **84.7379, 95.8751, 54.5970**, and **26.6435, 29.0962, 10.0062** is the 20% darker color. If you saturate the color by 10%, you get **51.6848, 55.9513, 19.8806**, and if you desaturate by 10%, it is **56.3588, 60.9700, 34.7855**.

# Distribution



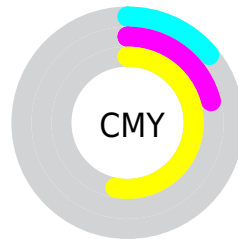
- Red (86%)
- Green (79%)
- Blue (47%)



- Red (57%)
- Yellow (86%)
- Blue (47%)



- Cyan (0%)
- Magenta (9%)
- Yellow (45%)
- Black (14%)




- Cyan (14%)
- Magenta (21%)
- Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8530, 58.3694, 26.5172 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 53.8530, 58.3694, 26.5172 by changing the saturation by 10% instead.





 53.8530, 58.3694,  
26.5172

 53.8530, 58.3694,  
26.5172


391.7567,  
418.5610, 298.9977


 38.7144, 42.1057,  
16.9817


 95.0165, 102.4606,  
55.1024

 26.7173, 29.1841,  
10.0596


 121.7721,  
131.0569, 74.9893

 17.4965, 19.2201,  
5.3324


 153.1308,  
164.5328, 99.1637

 10.6866, 11.8294,  
2.3815

189.4578,  
203.2728, 128.0442

 5.9223, 6.6276,  
0.7763

231.1185,  
247.6612, 162.0493

 2.8381, 3.2303,  
0.0000

278.4783,

 1.0687, 1.2531,

298.0824, 201.5975

0.0000

331.9026,  
354.9209, 247.1075

0.0000, 0.1045,  
0.0000

0.0000, 0.0000,  
0.0000

53.8530, 58.3694,  
26.5172

53.8530, 58.3694,  
26.5172

51.6848, 55.9513,  
19.8806

56.3588, 60.9700,  
34.7855

49.8284, 53.6988,  
14.7603


59.2173, 63.7532,  
44.7829


48.2613, 51.6046,  
11.0318

62.4478, 66.7291,  
56.6036


46.9555, 49.6571,  
8.5490


66.0668, 69.9047,  
70.3339

 45.8768, 47.8423,  
7.1332

 70.0899, 73.2866,  
86.0544

 45.3937, 46.9729,  
6.6742

 74.5317, 76.8808,  
103.8415

 76.0159, 79.3373,  
105.9149

 77.2086, 81.7227,  
106.3125

 78.4300, 84.1654,  
106.7196

# Harmonies

## Analogous

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



62.7682, 58.3694, 28.8765



53.8530, 58.3694, 26.5172



46.2129, 58.3694, 31.7450

# Triad

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



53.8530, 58.3694, 26.5172



42.8313, 58.3694, 96.0877



72.3395, 58.3694, 85.7557

# Complementary

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



53.8530, 58.3694, 26.5172



30.1812, 27.9874, 71.5213

# 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.



65.9062, 58.3694, 111.6349



53.8530, 58.3694, 26.5172



48.7760, 58.3694, 118.6196

# Square

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



53.8530, 58.3694, 26.5172



40.2951, 58.3694, 68.3724



57.1361, 58.3694, 124.9533



74.0642, 58.3694, 58.9682



# Rectangle

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



53.8530, 58.3694, 26.5172



42.6687, 58.3694, 39.9211



57.1361, 58.3694, 124.9533



70.6250, 58.3694, 95.0490

# Sweetspot

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



53.8544, 58.3721, 26.5184



88.1692, 94.0548, 82.5093



41.1457, 30.8081, 28.9000



18.6420, 19.9259, 16.8011



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.



53.8544, 58.3721, 26.5184



72.3719, 78.3582, 28.2325



50.3548, 63.5526, 27.7028



13.9389, 14.8171, 13.8509



26.7194, 27.7244, 3.9431



1.7867, 1.9075, 0.2740



# Inverse Universe

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



30.1812, 27.9874, 71.5213



35.3573, 30.8844, 98.7055



32.4630, 25.3934, 70.9003



12.5399, 13.0195, 16.5042



8.1330, 4.1353, 40.1079

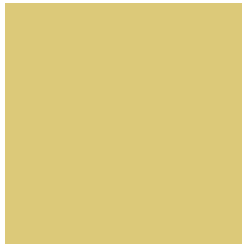


0.5868, 0.3876, 2.6183



# Previews

## White Background



This preview shows how the XYZ color 53.8530, 58.3694, 26.5172 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

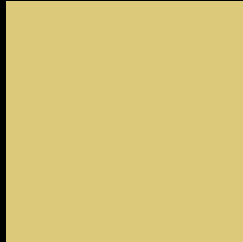
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.8530, 58.3694, 26.5172 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

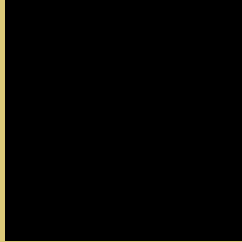
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 53.8530, 58.3694, 26.5172**

## **Background**



This preview shows how black text looks on a background with the XYZ color 53.8530, 58.3694, 26.5172.



This preview shows how white text looks on a background with the XYZ color 53.8530, 58.3694,



# 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

53.8530, 58.3694, 26.5172

### Protanopia

53.8530, 58.3694, 26.5172

### Deuteranopia

59.3869, 58.1840, 26.8395



## Tritanopia

62.0845, 58.3758, 66.3880

# Trichromacy



## Original Color

53.8530, 58.3694, 26.5172

## Protanomaly

53.8530, 58.3694, 26.5172

## Deuteranomaly

57.2889, 58.0975, 26.6068

## Tritanomaly

58.6170, 58.2941, 48.7199

# Monochromacy



## Original Color

53.8530, 58.3694, 26.5172

## Achromatopsia

53.6758, 56.4712, 61.4971

## Achromatomaly

53.1327, 56.8709, 46.2070

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.8530, 58.3694, 26.5172 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(220, 201, 121)` looks like.

```
.text, #text, p{  
    color:rgb(220, 201, 121)  
}
```

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(220, 201, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 201, 121) }
```

## Border

The CSS property to change the border of an element to XYZ 53.8530, 58.3694, 26.5172 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(220, 201, 121) }
```



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

```
.border{ border-color:rgb(220, 201, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 201, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 201, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 201, 121);  
box-shadow:4px 4px 4px 4px rgb(220, 201,  
121) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.8530, 58.3694, 26.5172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 201, 121) }
```

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

```
.background{ background-color: rgb(220,  
201, 121) }
```

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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