

Converting Colors

XYZ(54.9334, 59.6250, 26.7018)

Have a look what the booklet for
XYZ(54.9334, 59.6250, 26.7018)
contains.

XYZ(54.9313, 59.6219, 26.7022)	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(54.9313, 59.6219,
26.7022)**

Conversions

Conversions Part 1

Format	Color
Hex	DECB79
RGB	222, 203, 121
RGB Percent	87%, 80%, 47%
CMY	0.1294, 0.2039, 0.5255
CMYK	0.00, 0.09, 0.45, 0.13
HSL	49°, 60%, 67%
HSV	49°, 45%, 87%
XYZ	54.9313, 59.6219, 26.7022
YIQ	199.3330, 37.6460, -21.4740

Conversions

Conversions Part 2

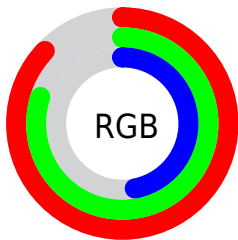
Format	Color
RYB	144, 222, 121
Decimal	14601081
CIELab	81.63, -4.35, 43.14
CIELCh	82, 43.363, 95.752
Yxy	59.6219, 0.3889, 0.4221
Android (android.graphics.Color)	4292791161 (0xFFDECB79)
YUV	199.3330, -38.6182, 19.8790
Hunter-Lab	77.2152, -8.1408, 33.5473

Details

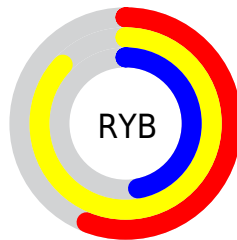
The XYZ color **54.9313, 59.6219, 26.7022** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.4479, 28.0942, 72.9250**, and the grayscale version is **54.7044, 57.5533, 62.6756**.

A 20% lighter version of the original color is **84.7379, 95.8751, 54.5970**, and **27.3700, 29.9364, 10.1301** is the 20% darker color. If you saturate the color by 10%, you get **52.7513, 57.1956, 20.0145**, and if you desaturate by 10%, it is **57.4540, 62.2322, 35.0510**.

Distribution



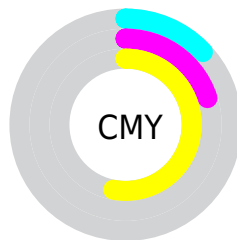
- Red (87%)
- Green (80%)
- Blue (47%)



- Red (56%)
- Yellow (87%)
- Blue (47%)



- Cyan (0%)
- Magenta (9%)
- Yellow (45%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9313, 59.6219, 26.7022 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 54.9313, 59.6219, 26.7022 by changing the saturation by 10% instead.

■ 54.9313, 59.6219,
26.7022

■ 54.9313, 59.6219,
26.7022

395.7921,
423.2027, 299.9267

■ 39.5803, 43.1139,
17.1192

■ 96.5892, 104.2810,
55.4035

■ 27.3942, 29.9745,
10.1567

■ 123.6269,
133.2009, 75.3590

■ 18.0077, 19.8193,
5.3960

■ 155.2908,
167.0270, 99.6090

■ 11.0552, 12.2637,
2.4187

191.9464,
206.1435, 128.5722

■ 6.1715, 6.9236,
0.7966

233.9589,
250.9350, 162.6670

■ 2.9913, 3.4143,
0.0000

281.6938,

■ 1.1492, 1.3517,

301.7857, 202.3120

0.0000

335.5164,
359.0802, 247.9257

■ 0.0657, 0.1807,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9313, 59.6219,
26.7022

■ 54.9313, 59.6219,
26.7022

■ 52.7513, 57.1956,
20.0145

■ 57.4540, 62.2322,
35.0510

■ 50.8877, 54.9359,
14.8694


■ 60.3351, 65.0264,
45.1610


■ 49.3172, 52.8352,
11.1387


■ 63.5942, 68.0149,
57.1290

■ 48.0110, 50.8817,
8.6717


■ 67.2484, 71.2050,
71.0434


 46.9336, 49.0609,
7.2833

 71.3136, 74.6032,
86.9869

 46.4958, 48.2729,
6.8670

 75.8047, 78.2159,
105.0378

 77.0958, 80.5929,
106.1003

 78.2866, 82.9745,
106.4973

 79.5055, 85.4124,
106.9036

Harmonies

Analogous

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



64.1720, 59.6219, 29.0777



54.9313, 59.6219, 26.7022



47.0375, 59.6219, 32.1215

Triad

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



54.9313, 59.6219, 26.7022



43.6079, 59.6219, 98.8641



74.1886, 59.6219, 87.7790

Complementary

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



54.9313, 59.6219, 26.7022



30.4479, 28.0942, 72.9250

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.



67.5326, 59.6219, 114.7386



54.9313, 59.6219, 26.7022



49.7746, 59.6219, 122.2465

Square

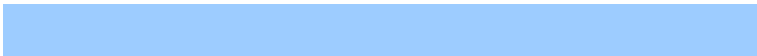
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.9313, 59.6219, 26.7022



40.9651, 59.6219, 70.0769



58.4426, 59.6219, 128.7221



75.9464, 59.6219, 60.0189

Rectangle

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



54.9313, 59.6219, 26.7022



43.3869, 59.6219, 40.5792



58.4426, 59.6219, 128.7221



72.4175, 59.6219, 97.4435

Sweetspot

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



54.9328, 59.6247, 26.7034



87.7212, 93.7012, 80.6878



41.7846, 31.1340, 29.0853



18.5551, 19.8588, 16.4432



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.



54.9328, 59.6247, 26.7034



72.2355, 78.3228, 27.4549



51.2350, 64.7904, 27.8954



14.6412, 15.5683, 14.5401



27.6947, 28.8272, 4.1045



1.9769, 2.1127, 0.3036

Inverse Universe

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



30.4479, 28.0942, 72.9250



34.6309, 29.9349, 98.5605



32.8410, 25.5575, 72.3092



13.1596, 13.6583, 17.3304



8.3779, 4.2253, 41.4224



0.6417, 0.4149, 2.8915

Previews

White Background



This preview shows how the XYZ color 54.9313, 59.6219, 26.7022 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 54.9313, 59.6219, 26.7022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

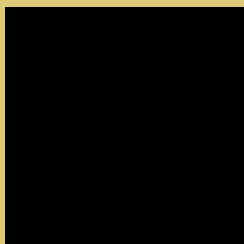
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9313, 59.6219, 26.7022

Background



This preview shows how black text looks on a background with the XYZ color 54.9313, 59.6219, 26.7022.



This preview shows how white text looks on a background with the XYZ color 54.9313, 59.6219,

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

54.9313, 59.6219, 26.7022

Protanopia

54.9313, 59.6219, 26.7022

Deuteranopia

60.8730, 59.6065, 27.0357



Tritanopia

63.4101, 59.6829, 67.8524

Trichromacy



Original Color

54.9313, 59.6219, 26.7022

Protanomaly

54.9313, 59.6219, 26.7022

Deuteranomaly

58.4042, 59.3422, 26.7883

Tritanomaly

59.7976, 59.5611, 49.4191

Monochromacy



Original Color

54.9313, 59.6219, 26.7022

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.7371, 57.5142, 46.7972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9313, 59.6219, 26.7022 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(222, 203, 121)` looks like.

```
.text, #text, p{  
    color:rgb(222, 203, 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(222, 203, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 203, 121) }
```

Border

The CSS property to change the border of an element to XYZ 54.9313, 59.6219, 26.7022 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(222, 203, 121) }
```


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

```
.border{ border-color:rgb(222, 203, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 203, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 203, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 203, 121);  
box-shadow:4px 4px 4px 4px rgb(222, 203,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9313, 59.6219, 26.7022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 203, 121) }
```

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

```
.background{ background-color: rgb(222,  
203, 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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