

Converting Colors

XYZ(57.7961, 53.2121, 26.6722)

Have a look what the booklet for
XYZ(57.7961, 53.2121, 26.6722)
contains.

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Color

**XYZ(57.8278, 53.3137,
26.6448)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B37D
RGB	246, 179, 125
RGB Percent	96%, 70%, 49%
CMY	0.0353, 0.2980, 0.5098
CMYK	0.00, 0.27, 0.49, 0.04
HSL	27°, 87%, 73%
HSV	27°, 49%, 96%
XYZ	57.8278, 53.3137, 26.6448
YIQ	192.8770, 57.2660, -2.5900

Conversions

Conversions Part 2

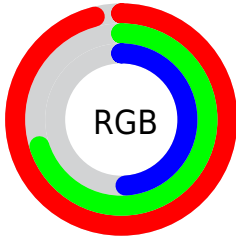
Format	Color
RYB	246, 223, 125
Decimal	16167805
CIELab	78.06, 18.25, 37.07
CIELCh	78, 41.322, 63.794
Yxy	53.3137, 0.4197, 0.3869
Android (android.graphics.Color)	4294357885 (0xFFFF6B37D)
YUV	192.8770, -33.4634, 46.5889
Hunter-Lab	73.0162, 13.5910, 29.4755

Details

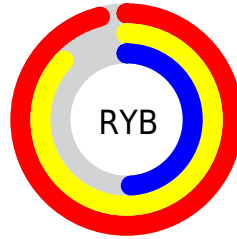
The XYZ color **57.8278, 53.3137, 26.6448** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.9408, 48.7110, 94.2747**, and the grayscale version is **50.7843, 53.4291, 58.1842**.

A 20% lighter version of the original color is **78.9842, 83.8910, 54.1492**, and **29.2244, 25.9945, 10.1338** is the 20% darker color. If you saturate the color by 10%, you get **53.8506, 47.5705, 18.5026**, and if you desaturate by 10%, it is **62.4665, 59.7571, 36.9283**.

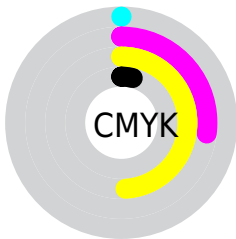
Distribution



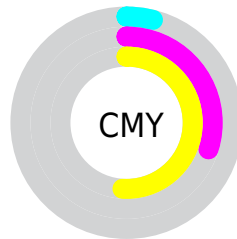
- Red (96%)
- Green (70%)
- Blue (49%)



- Red (96%)
- Yellow (87%)
- Blue (49%)



- Cyan (0%)
- Magenta (27%)
- Yellow (49%)
- Black (4%)




- Cyan (4%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8278, 53.3137, 26.6448 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 57.8278, 53.3137, 26.6448 by changing the saturation by 10% instead.


 57.8278, 53.3137,
26.6448


 57.8278, 53.3137,
26.6448


406.5082,
399.4875, 299.6387


 41.9129, 38.0533,
17.0766


 100.7965, 95.0658,
55.3101

 29.2239, 26.0240,
10.1266


 128.5810,
122.3263, 75.2443

 19.3954, 16.8416,
5.3762


 161.0528,
154.3555, 99.4709

 12.0621, 10.1216,
2.4071

198.5772,
191.5380, 128.4085

 6.8585, 5.4797,
0.7903

241.5196,
234.2580, 162.4755

 3.4193, 2.5314,
0.0000

290.2453,

 1.3792, 0.8923,

282.9000, 202.0905

0.0000

345.1197,
337.8484, 247.6721

■ 0.2413, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8278, 53.3137,
26.6448

■ 57.8278, 53.3137,
26.6448

■ 53.8506, 47.5705,
18.5026

■ 62.4665, 59.7571,
36.9283

■ 50.4938, 42.4924,
12.3420

■ 67.7964, 66.9184,
49.4909

■ 47.7173, 38.0523,
7.9852

■ 73.8501, 74.8240,
64.4624

■ 45.4728, 34.2174,
5.2209

■ 80.6566, 83.4966,
81.9618

■ 43.6909, 30.9453,
3.7278

■ 88.2433, 92.9579,
102.1001

■ 43.5599, 30.7007,
3.6300

■ 91.8159, 98.3328,
108.7486

Harmonies

Analogous

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



64.6708, 53.3137, 36.7009



57.8278, 53.3137, 26.6448



49.6547, 53.3137, 24.0760

Triad

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



57.8278, 53.3137, 26.6448



36.7319, 53.3137, 61.0357



59.7889, 53.3137, 103.2861

Complementary

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



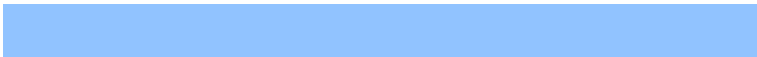
57.8278, 53.3137, 26.6448



43.9408, 48.7110, 94.2747

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.



51.7053, 53.3137, 114.5376



57.8278, 53.3137, 26.6448



38.8567, 53.3137, 86.3942

Square

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



57.8278, 53.3137, 26.6448



38.0040, 53.3137, 40.5763



44.1343, 53.3137, 107.6580



65.8846, 53.3137, 79.9326

Rectangle

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



57.8278, 53.3137, 26.6448



44.6754, 53.3137, 26.1779



44.1343, 53.3137, 107.6580



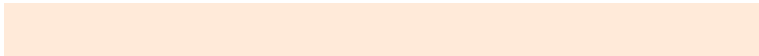
57.1848, 53.3137, 108.8538

Sweetspot

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



57.8291, 53.3163, 26.6458



83.1041, 85.0011, 77.5021



55.0288, 38.1361, 55.2452



17.4610, 17.7756, 15.7544



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.



57.8291, 53.3163, 26.6458



58.4622, 51.6617, 20.1341



72.2628, 82.1836, 31.4571



17.1080, 17.7002, 17.3123



23.3858, 16.6573, 1.9826



2.1563, 1.6658, 0.2079

Inverse Universe

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



43.9408, 48.7110, 94.2747



41.7742, 46.0985, 101.3039



33.4891, 27.8077, 90.7908



16.3420, 17.4482, 21.0491



13.7357, 13.2652, 48.3745



1.3097, 1.3708, 4.2858

Previews

White Background



This preview shows how the XYZ color 57.8278, 53.3137, 26.6448 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 57.8278, 53.3137, 26.6448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

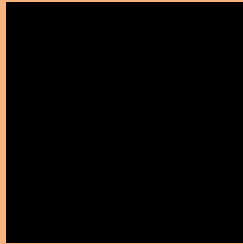
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8278, 53.3137, 26.6448

Background



This preview shows how black text looks on a background with the XYZ color 57.8278, 53.3137, 26.6448.



This preview shows how white text looks on a background with the XYZ color 57.8278, 53.3137,

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

57.8278, 53.3137, 26.6448

Protanopia

49.4612, 53.3339, 29.1603

Deuteranopia

54.5913, 53.4768, 26.5136



Tritanopia

62.9983, 53.0957, 52.2755

Trichromacy



Original Color

57.8278, 53.3137, 26.6448

Protanomaly

52.0699, 53.0810, 28.2702

Deuteranomaly

55.8315, 53.4994, 26.4526

Tritanomaly

60.8138, 53.0562, 41.6860

Monochromacy



Original Color

57.8278, 53.3137, 26.6448

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.2025, 52.7906, 44.4840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8278, 53.3137, 26.6448 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(246, 179, 125)` looks like.

```
.text, #text, p{  
    color:rgb(246, 179, 125)  
}
```

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(246, 179, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 179, 125) }
```

Border

The CSS property to change the border of an element to XYZ 57.8278, 53.3137, 26.6448 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(246, 179, 125) }
```


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

```
.border{ border-color:rgb(246, 179, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 179, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 179, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 179, 125);  
box-shadow:4px 4px 4px 4px rgb(246, 179,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8278, 53.3137, 26.6448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 179, 125) }
```

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

```
.background{ background-color: rgb(246,  
179, 125) }
```

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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