

Converting Colors

XYZ(59.8998, 53.1254, 41.5016)

Have a look what the booklet for
XYZ(59.8998, 53.1254, 41.5016)
contains.

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Color

**XYZ(60.0530, 53.2521,
41.2960)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B0A2
RGB	246, 176, 162
RGB Percent	96%, 69%, 64%
CMY	0.0353, 0.3098, 0.3647
CMYK	0.00, 0.28, 0.34, 0.04
HSL	10°, 82%, 80%
HSV	10°, 34%, 96%
XYZ	60.0530, 53.2521, 41.2960
YIQ	195.3340, 46.2140, 10.4860

Conversions

Conversions Part 2

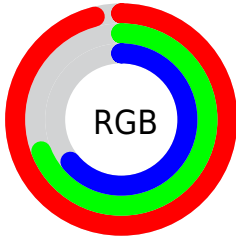
Format	Color
R _{YB}	246, 179, 162
Decimal	16167074
CIE Lab	78.02, 23.77, 17.34
CIE LCh	78, 29.422, 36.109
Yxy	53.2521, 0.3884, 0.3444
Android (android.graphics.Color)	4294357154 (0xFFFF6B0A2)
YUV	195.3340, -16.4337, 44.4341
Hunter-Lab	72.9740, 19.1896, 17.5296

Details

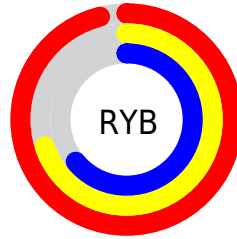
The XYZ color **60.0530, 53.2521, 41.2960** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.3906, 72.0461, 97.9124**, and the grayscale version is **52.1478, 54.8636, 59.7464**.

A 20% lighter version of the original color is **82.6210, 83.9830, 77.5014**, and **30.6365, 25.9831, 18.1524** is the 20% darker color. If you saturate the color by 10%, you get **54.3563, 45.0226, 29.6435**, and if you desaturate by 10%, it is **66.7871, 62.8716, 55.4057**.

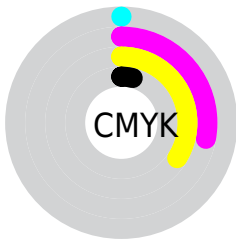
Distribution



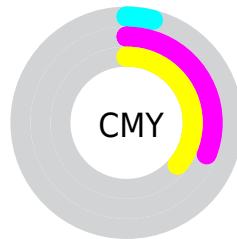
- Red (96%)
- Green (69%)
- Blue (64%)



- Red (96%)
- Yellow (70%)
- Blue (64%)



- Cyan (0%)
- Magenta (28%)
- Yellow (34%)
- Black (4%)





- Cyan (4%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0530, 53.2521, 41.2960 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 60.0530, 53.2521, 41.2960 by changing the saturation by 10% instead.


 60.0530, 53.2521,
41.2960


 60.0530, 53.2521,
41.2960


414.6247,
399.2516, 367.2694

 43.7110, 38.0041,
28.2290


 104.0125, 94.9752,
78.3916

 30.6403, 25.9858,
18.2578


 132.3606,
122.2191, 103.2572

 20.4756, 16.8130,
10.9639

165.4415,
154.2304, 132.8929

 12.8515, 10.1013,
5.9287

203.6205,
191.3935, 167.7170

 7.4026, 5.4662,
2.7337

247.2630,
234.0927, 208.1482

 3.7637, 2.5233,
0.9603

296.7343,

 1.5693, 0.8883,

282.7126, 254.6050

0.0000

352.3997,
337.6374, 307.5059

■ 0.3723, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0530, 53.2521,
41.2960

■ 60.0530, 53.2521,
41.2960

■ 54.3563, 45.0226,
29.6435

■ 66.7871, 62.8716,
55.4057

■ 49.6408, 38.1111,
20.3040

■ 74.6030, 73.9336,
72.0992

■ 45.8510, 32.4509,
13.1233

■ 83.5474, 86.4969,
91.4979

■ 42.9240, 27.9660,
7.9269

■ 91.8161, 98.3329,
108.7487

■ 40.7888, 24.5722,
4.5127

■ 39.3619, 22.1732,
2.6351

■ 38.7996, 21.1797,
2.0431

Harmonies

Analogous

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



62.3858, 53.2521, 54.6870



60.0530, 53.2521, 41.2960



55.2116, 53.2521, 33.6418

Triad

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



60.0530, 53.2521, 41.2960



41.1896, 53.2521, 46.1133



51.7968, 53.2521, 95.3799

Complementary

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



60.0530, 53.2521, 41.2960



60.3906, 72.0461, 97.9124

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.



46.2800, 53.2521, 91.9035



60.0530, 53.2521, 41.2960



40.4257, 53.2521, 61.4078

Square

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



60.0530, 53.2521, 41.2960



44.3920, 53.2521, 36.0337



42.2207, 53.2521, 78.6491



57.3930, 53.2521, 87.4111

Rectangle

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



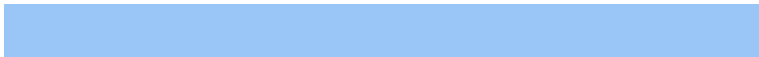
60.0530, 53.2521, 41.2960



51.3662, 53.2521, 31.8437



42.2207, 53.2521, 78.6491



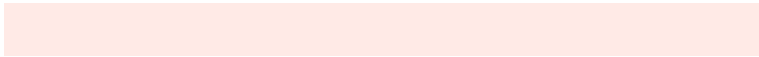
49.8702, 53.2521, 95.5285

Sweetspot

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



60.0544, 53.2546, 41.2971



84.8049, 85.6493, 86.5576



65.4923, 51.2603, 82.7867



17.8652, 17.9296, 17.9068



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.



60.0544, 53.2546, 41.2971



60.7620, 51.4379, 35.7705



69.5994, 72.3447, 44.4787



16.7223, 16.9288, 17.1838



20.7771, 11.4397, 1.1130



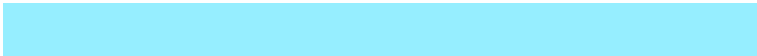
1.8891, 1.1314, 0.1188

Inverse Universe

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



60.3906, 72.0461, 97.9124



61.1598, 74.6452, 105.7922



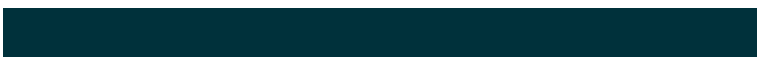
49.9489, 51.1627, 94.4318



16.7478, 18.2599, 21.1844



20.6193, 27.0323, 50.6690



1.8733, 2.4980, 4.4737

Previews

White Background



This preview shows how the XYZ color 60.0530, 53.2521, 41.2960 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 60.0530, 53.2521, 41.2960 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 60.0530, 53.2521, 41.2960

Background



This preview shows how black text looks on a background with the XYZ color 60.0530, 53.2521, 41.2960.



This preview shows how white text looks on a background with the XYZ color 60.0530, 53.2521,

41.2960.

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

60.0530, 53.2521, 41.2960

Protanopia

50.6828, 53.5988, 45.7045

Deuteranopia

54.6445, 53.5032, 40.7048



Tritanopia

62.5179, 53.3888, 53.4644

Trichromacy



Original Color

60.0530, 53.2521, 41.2960

Protanomaly

53.6588, 53.2361, 44.0067

Deuteranomaly

56.4397, 53.1849, 41.0092

Tritanomaly

61.4296, 53.2206, 48.6299

Monochromacy



Original Color

60.0530, 53.2521, 41.2960

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.2620, 53.6815, 52.3014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0530, 53.2521, 41.2960 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, 176, 162)` looks like.

```
.text, #text, p{  
    color:rgb(246, 176, 162)  
}
```

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, 176, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 176, 162) }
```

Border

The CSS property to change the border of an element to XYZ 60.0530, 53.2521, 41.2960 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, 176, 162) }
```


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

```
.border{ border-color:rgb(246, 176, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 176, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 176, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 176, 162);  
box-shadow:4px 4px 4px 4px rgb(246, 176,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0530, 53.2521, 41.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 176, 162) }
```

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

```
.background{ background-color: rgb(246,  
176, 162) }
```

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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