

Converting Colors

XYZ(59.9338, 60.1259, 53.3001)

Have a look what the booklet for
XYZ(59.9338, 60.1259, 53.3001)
contains.

XYZ(60.0220, 60.2733, 53.2702)	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(60.0220, 60.2733,
53.2702)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C7B7
RGB	225, 199, 183
RGB Percent	88%, 78%, 72%
CMY	0.1176, 0.2196, 0.2823
CMYK	0.00, 0.12, 0.19, 0.12
HSL	23°, 41%, 80%
HSV	23°, 19%, 88%
XYZ	60.0220, 60.2733, 53.2702
YIQ	204.9500, 20.6320, 0.5360

Conversions

Conversions Part 2

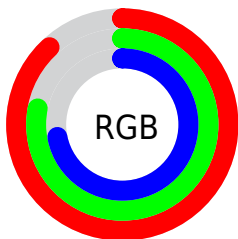
Format	Color
RYB	225, 209, 183
Decimal	14796727
CIELab	81.99, 6.61, 11.35
CIElCh	82, 13.136, 59.764
Yxy	60.2733, 0.3458, 0.3473
Android (android.graphics.Color)	4292986807 (0xFFE1C7B7)
YUV	204.9500, -10.8213, 17.5839
Hunter-Lab	77.6359, 2.1395, 13.6630

Details

The XYZ color **60.0220, 60.2733, 53.2702** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.9191, 61.1030, 80.0814**, and the grayscale version is **58.0553, 61.0787, 66.5148**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **30.5168, 30.2975, 25.3587** is the 20% darker color. If you saturate the color by 10%, you get **54.8062, 53.2944, 40.8865**, and if you desaturate by 10%, it is **65.9087, 67.9939, 67.7260**.

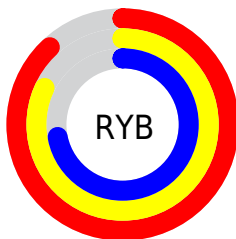
Distribution



Red (88%)

Green (78%)

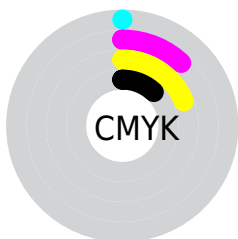
Blue (72%)



Red (88%)

Yellow (82%)

Blue (72%)

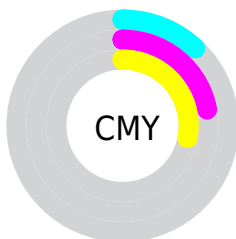


Cyan (0%)

Magenta (12%)

Yellow (19%)

Black (12%)



Cyan (12%)


Magenta (22%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0220, 60.2733, 53.2702 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 60.0220, 60.2733, 53.2702 by changing the saturation by 10% instead.


 60.0220, 60.2733,
53.2702

 60.0220, 60.2733,
53.2702


414.5123,
425.6044, 416.4166

 43.6859, 43.6390,
37.6293


 103.9677,
105.2260, 96.4474

 30.6205, 30.3868,
25.3955


132.3081,
134.3132, 124.8208

 20.4604, 20.1323,
16.1503


165.3806,
168.3201, 158.2755

 12.8404, 12.4913,
9.4750

203.5505,
207.6311, 197.2300

 7.3950, 7.0792,
4.9513

247.1833,
252.6307, 242.1028

 3.7588, 3.5117,
2.1605

296.6443,

 1.5666, 1.4043,

303.7031, 293.3124

0.6514

352.2989,
361.2329, 351.2775

■ 0.3705, 0.2199,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0220, 60.2733,
53.2702

■ 60.0220, 60.2733,
53.2702

■ 54.8062, 53.2944,
40.8865

■ 65.9087, 67.9939,
67.7260

■ 50.2309, 47.0263,
30.4749

■ 72.4856, 76.4698,
84.3398

■ 46.2703, 41.4478,
21.9329

■ 79.7772, 85.7243,
103.1973

■ 42.8950, 36.5332,
15.1471

■ 84.7693, 94.5632,
108.3924

■ 40.0725, 32.2555,
9.9915

■ 84.8615, 94.7476,
108.4232

■ 37.7670, 28.5849,
6.3233

■ 35.9369, 25.4890,
3.9741

■ 34.5246, 22.9274,
2.6920

■ 34.3584, 22.6214,
2.5555

Harmonies

Analogous

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



62.0544, 60.2733, 58.3175



60.0220, 60.2733, 53.2702



57.3100, 60.2733, 51.4786

Triad

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



60.0220, 60.2733, 53.2702



52.1073, 60.2733, 65.5643



59.9827, 60.2733, 79.8333

Complementary

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



60.0220, 60.2733, 53.2702



55.9191, 61.1030, 80.0814

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.



57.2659, 60.2733, 82.1567



60.0220, 60.2733, 53.2702



52.7720, 60.2733, 73.5239

Square

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



60.0220, 60.2733, 53.2702



52.7929, 60.2733, 58.2165



54.6382, 60.2733, 79.7615



62.0312, 60.2733, 73.6419

Rectangle

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



60.0220, 60.2733, 53.2702



55.4994, 60.2733, 52.2493



54.6382, 60.2733, 79.7615



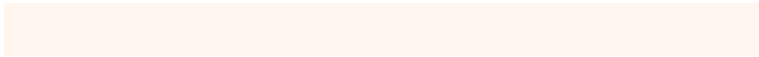
59.1145, 60.2733, 81.1138

Sweetspot

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



60.0236, 60.2760, 53.2715



89.7367, 93.1595, 95.4566



59.5685, 54.5086, 68.0940



19.0879, 19.7854, 20.1322



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.



60.0236, 60.2760, 53.2715



77.2032, 76.7109, 64.7096



65.0351, 70.2990, 54.9420



14.1332, 14.5523, 14.3708



19.9031, 13.2441, 1.5074



1.4641, 1.0871, 0.1327

Inverse Universe

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



55.9191, 61.1030, 80.0814



70.8922, 77.9795, 105.9229



51.2315, 51.7277, 78.5188



13.6550, 14.6491, 17.4955



13.2898, 14.0493, 43.0597



1.0068, 1.1451, 3.0132

Previews

White Background



This preview shows how the XYZ color 60.0220, 60.2733, 53.2702 looks on a white background.

Color Contrast Check

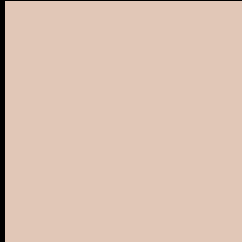
Large Text (above 18pt) WCAG AA × Fail

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 60.0220, 60.2733, 53.2702 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 60.0220, 60.2733, 53.2702

Background



This preview shows how black text looks on a background with the XYZ color 60.0220, 60.2733, 53.2702.



This preview shows how white text looks on a background with the XYZ color 60.0220, 60.2733,

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

60.0220, 60.2733, 53.2702

Protanopia

57.2643, 60.2117, 54.5028

Deuteranopia

61.4685, 60.3403, 53.2069



Tritanopia

63.1429, 60.1773, 69.2602

Trichromacy



Original Color

60.0220, 60.2733, 53.2702

Protanomaly

58.3875, 60.4535, 53.9387

Deuteranomaly

61.0544, 60.4651, 53.2528

Tritanomaly

61.8438, 59.9809, 62.9615

Monochromacy



Original Color

60.0220, 60.2733, 53.2702

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.5854, 60.7401, 61.4596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0220, 60.2733, 53.2702 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(225, 199, 183)` looks like.

```
.text, #text, p{  
    color:rgb(225, 199, 183)  
}
```

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(225, 199, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 199, 183) }
```

Border

The CSS property to change the border of an element to XYZ 60.0220, 60.2733, 53.2702 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(225, 199, 183) }
```


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

```
.border{ border-color:rgb(225, 199, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 199, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 199, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 199, 183);  
box-shadow:4px 4px 4px 4px rgb(225, 199,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0220, 60.2733, 53.2702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 199, 183) }
```

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

```
.background{ background-color: rgb(225,  
199, 183) }
```

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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