

Converting Colors

XYZ(60.3241, 51.9729, 53.3346)

Have a look what the booklet for
XYZ(60.3241, 51.9729, 53.3346)
contains.

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Color

**XYZ(60.2334, 51.9275,
53.3027)**

Conversions

Conversions Part 1

Format	Color
Hex	F2ACBA
RGB	242, 172, 186
RGB Percent	95%, 67%, 73%
CMY	0.0510, 0.3255, 0.2706
CMYK	0.00, 0.29, 0.23, 0.05
HSL	348°, 73%, 81%
HSV	348°, 29%, 95%
XYZ	60.2334, 51.9275, 53.3027
YIQ	194.5260, 37.2260, 19.1940

Conversions

Conversions Part 2

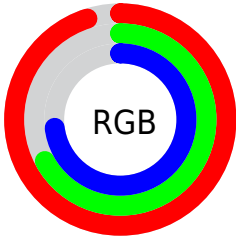
Format	Color
RYB	242, 172, 186
Decimal	15903930
CIELab	77.24, 27.59, 3.13
CIELCh	77, 27.765, 6.470
Yxy	51.9275, 0.3640, 0.3138
Android (android.graphics.Color)	4294094010 (0xFFFF2ACBA)
YUV	194.5260, -4.2033, 41.6347
Hunter-Lab	72.0607, 23.0965, 6.5862

Details

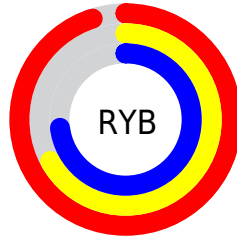
The XYZ color **60.2334, 51.9275, 53.3027** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.7712, 77.8776, 85.1262**, and the grayscale version is **51.5999, 54.2871, 59.1186**.

A 20% lighter version of the original color is **85.0104, 83.1576, 95.5749**, and **30.8380, 25.2014, 25.4293** is the 20% darker color. If you saturate the color by 10%, you get **54.1194, 42.7731, 41.7885**, and if you desaturate by 10%, it is **67.4678, 62.8756, 66.5675**.

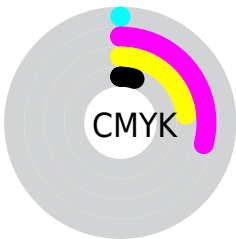
Distribution



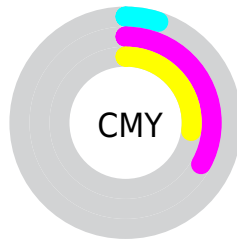
- Red (95%)
- Green (67%)
- Blue (73%)



- Red (95%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (29%)
- Yellow (23%)
- Black (5%)





- Cyan (5%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2334, 51.9275, 53.3027 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 60.2334, 51.9275, 53.3027 by changing the saturation by 10% instead.


 60.2334, 51.9275,
53.3027

 60.2334, 51.9275,
53.3027

415.2785,
394.1567, 416.5446

 43.8570, 36.9473,
37.6551


 104.2726, 93.0243,
96.4957

 30.7555, 25.1667,
25.4154

132.6661,
119.9097, 124.8782

 20.5637, 16.2013,
16.1649


165.7959,
151.5323, 158.3427

 12.9161, 9.6667,
9.4853

204.0275,
188.2764, 197.3077

 7.4474, 5.1785,
4.9580

247.7262,
230.5265, 242.1919

 3.7922, 2.3524,
2.1643

297.2574,

 1.5853, 0.8012,

278.6670, 293.4138

0.6537

352.9864,
333.0823, 351.3918

■ 0.3828, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2334, 51.9275,
53.3027

■ 60.2334, 51.9275,
53.3027

■ 54.1194, 42.7731,
41.7885

■ 67.4678, 62.8756,
66.5675

■ 49.0648, 35.3094,
31.9478

■ 75.8710, 75.6984,
81.6492

■ 45.0093, 29.4345,
23.7026

■ 85.4936, 90.4810,
98.6144

■ 41.8846, 25.0320,
16.9670

■ 90.4281, 97.6173,
108.6837

■ 39.6135, 21.9700,
11.6468

■ 38.1058, 20.0924,
7.6366

■ 37.2323, 19.1683,
4.8087

■ 37.1596, 19.0939,
4.5653

Harmonies

Analogous

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



59.3409, 51.9275, 69.0608



60.2334, 51.9275, 53.3027



58.0471, 51.9275, 40.8530

Triad

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



60.2334, 51.9275, 53.3027



43.5214, 51.9275, 36.1020



45.3833, 51.9275, 87.8784

Complementary

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



60.2334, 51.9275, 53.3027



62.7712, 77.8776, 85.1262

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.



41.5780, 51.9275, 75.8029



60.2334, 51.9275, 53.3027



40.5583, 51.9275, 45.6325

Square

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



60.2334, 51.9275, 53.3027



48.2117, 51.9275, 32.1406



39.8731, 51.9275, 59.9062



50.5173, 51.9275, 90.9310

Rectangle

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



60.2334, 51.9275, 53.3027



55.2243, 51.9275, 35.4663



39.8731, 51.9275, 59.9062



43.9181, 51.9275, 84.6462

Sweetspot

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



60.2348, 51.9299, 53.3038



85.3440, 85.0947, 91.7711



62.7762, 52.4125, 90.8127



17.9540, 17.7345, 19.0851



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.



60.2348, 51.9299, 53.3038



63.4401, 51.8854, 51.7964



63.1360, 59.9980, 47.2860



15.9020, 15.8105, 17.0402



20.0009, 10.2728, 2.6552



1.6982, 0.8683, 0.4013

Inverse Universe

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



60.2348, 51.9299, 53.3038



63.4401, 51.8854, 51.7964



58.8987, 66.8962, 93.8127



15.9020, 15.8105, 17.0402



20.0009, 10.2728, 2.6552



1.6982, 0.8683, 0.4013

Previews

White Background



This preview shows how the XYZ color 60.2334, 51.9275, 53.3027 looks on a white background.

Color Contrast Check

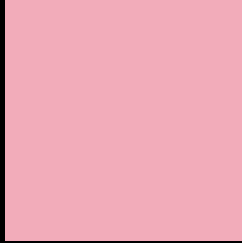
Large Text (above 18pt) WCAG AA × Fail

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 60.2334, 51.9275, 53.3027 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 60.2334, 51.9275, 53.3027

Background



This preview shows how black text looks on a background with the XYZ color 60.2334, 51.9275, 53.3027.



This preview shows how white text looks on a background with the XYZ color 60.2334, 51.9275,

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

60.2334, 51.9275, 53.3027

Protanopia

50.3696, 52.1499, 59.6357

Deuteranopia

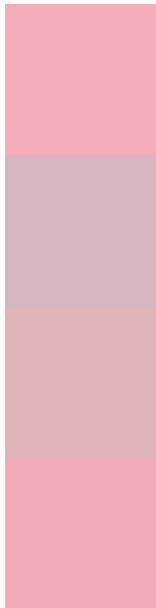
53.1521, 52.1557, 52.6130



Tritanopia

60.1274, 51.8851, 52.7447

Trichromacy



Original Color

60.2334, 51.9275, 53.3027

Protanomaly

53.3119, 51.5216, 57.0040

Deuteranomaly

55.5096, 51.8333, 52.9781

Tritanomaly

60.1274, 51.8851, 52.7447

Monochromacy



Original Color

60.2334, 51.9275, 53.3027

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.4361, 53.3435, 57.2964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2334, 51.9275, 53.3027 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(242, 172, 186)` looks like.

```
.text, #text, p{  
    color:rgb(242, 172, 186)  
}
```

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(242, 172, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 172, 186) }
```

Border

The CSS property to change the border of an element to XYZ 60.2334, 51.9275, 53.3027 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(242, 172, 186) }
```


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

```
.border{ border-color:rgb(242, 172, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 172, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 172, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 172, 186); box-shadow:4px 4px 4px 4px rgb(242, 172, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2334, 51.9275, 53.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 172, 186) }
```

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

```
.background{ background-color: rgb(242,  
172, 186) }
```

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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