

Converting Colors

XYZ(60.4722, 56.0955, 75.9437)

Have a look what the booklet for
XYZ(60.4722, 56.0955, 75.9437)
contains.

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Color

**XYZ(60.3367, 55.9767,
76.0311)**

Conversions

Conversions Part 1

Format	Color
Hex	DCBBDD
RGB	220, 187, 221
RGB Percent	86%, 73%, 87%
CMY	0.1372, 0.2666, 0.1333
CMYK	0.00, 0.15, 0.00, 0.13
HSL	298°, 33%, 80%
HSV	298°, 15%, 87%
XYZ	60.3367, 55.9767, 76.0311
YIQ	200.7430, 8.7540, 17.5700

Conversions

Conversions Part 2

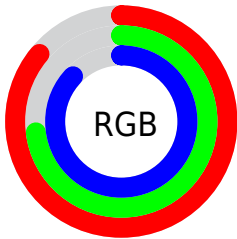
Format	Color
R _{YB}	220, 187, 221
Decimal	14466013
CIE _{Lab}	79.60, 17.65, -12.61
CIE _{LCh}	80, 21.688, 324.459
Yxy	55.9767, 0.3137, 0.2910
Android (android.graphics.Color)	4292656093 (0xFFDCBDD)
YUV	200.7430, 9.9867, 16.8884
Hunter-Lab	74.8176, 13.0207, -7.8794

Details

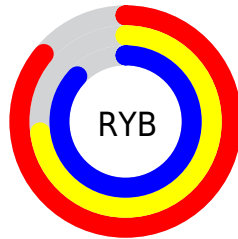
The XYZ color **60.3367, 55.9767, 76.0311** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.5670, 65.9935, 56.8257**, and the grayscale version is **55.2960, 58.1757, 63.3533**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **30.9251, 27.8027, 39.8129** is the 20% darker color. If you saturate the color by 10%, you get **55.8087, 47.2111, 74.5787**, and if you desaturate by 10%, it is **65.5903, 66.1905, 77.7265**.

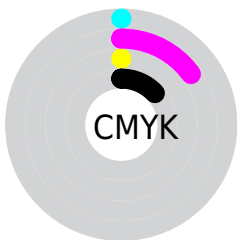
Distribution



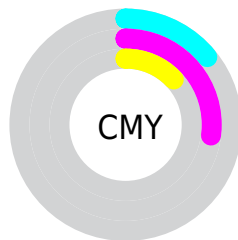
- Red (86%)
- Green (73%)
- Blue (87%)



- Red (86%)
- Yellow (73%)
- Blue (87%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)





- Cyan (14%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3367, 55.9767, 76.0311 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 60.3367, 55.9767, 76.0311 by changing the saturation by 10% instead.


 60.3367, 55.9767,
76.0311

 60.3367, 55.9767,
76.0311


415.6526,
409.6037, 500.8038

 43.9406, 40.1842,
55.9512


 104.4215, 98.9705,
129.5314

 30.8215, 27.6822,
39.7601


132.8409,
126.9407, 163.7888

 20.6141, 18.0863,
27.0392


165.9988,
159.7388, 203.6092

 12.9531, 11.0119,
17.3699

204.2605,
197.7494, 249.4110

 7.4730, 6.0749,
10.3339

247.9913,
241.3568, 301.6128

 3.8086, 2.8907,
5.5124

297.5568,

 1.5944, 1.0749,

290.9453, 360.6332

2.4870

353.3221,
346.8995, 426.8907

■ 0.3888, 0.0000,
0.8332

■ 0.0000, 0.0000,
0.0000

■ 60.3367, 55.9767,
76.0311

■ 60.3367, 55.9767,
76.0311

■ 55.8087, 47.2111,
74.5787

■ 65.5903, 66.1905,
77.7265

■ 51.9684, 39.8208,
73.3546

■ 71.5952, 77.9067,
79.6715

■ 48.7820, 33.7371,
72.3482

■ 78.3822, 91.1858,
81.8769

■ 46.2109, 28.8829,
71.5468

■ 79.1198, 92.3651,
82.0656

44.2126, 25.1731,
70.9361

79.3199, 92.4683,
82.0750

42.7388, 22.5113,
70.5000

79.5208, 92.5718,
82.0844

41.7338, 20.7859,
70.2199

79.7224, 92.6758,
82.0938

41.1289, 19.8595,
70.0730

79.9249, 92.7801,
82.1033

40.9302, 19.5926,
70.0319

80.1280, 92.8849,
82.1128

Harmonies

Analogous

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



56.7587, 55.9767, 85.5765



60.3367, 55.9767, 76.0311



62.0112, 55.9767, 63.3018

Triad

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



60.3367, 55.9767, 76.0311



54.0195, 55.9767, 40.0019



45.9179, 55.9767, 71.4630

Complementary

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



60.3367, 55.9767, 76.0311



55.5670, 65.9935, 56.8257

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.



45.2731, 55.9767, 58.6554



60.3367, 55.9767, 76.0311



49.8012, 55.9767, 41.5676

Square

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



60.3367, 55.9767, 76.0311



58.2383, 55.9767, 43.3936



46.6571, 55.9767, 48.0064



48.4689, 55.9767, 82.6966

Rectangle

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



60.3367, 55.9767, 76.0311



61.7604, 55.9767, 55.1371



46.6571, 55.9767, 48.0064



45.4771, 55.9767, 67.1558

Sweetspot

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



60.3384, 55.9791, 76.0323



90.9788, 92.0622, 107.5824



51.5587, 51.8114, 75.6906



19.3553, 19.4754, 22.9890



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.



60.3384, 55.9791, 76.0323



81.6203, 73.8750, 104.5652



58.6264, 55.3294, 65.4335



13.5746, 13.2543, 16.4950



23.7945, 11.3907, 40.6829



1.5537, 0.7442, 2.6362

Inverse Universe

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



56.6681, 54.5461, 55.1211



75.7539, 71.5856, 71.0915



57.1154, 66.5845, 66.2604



13.0715, 13.0577, 13.6377



17.3501, 8.9411, 0.9577



1.1296, 0.5815, 0.0914

Previews

White Background



This preview shows how the XYZ color 60.3367, 55.9767, 76.0311 looks on a white background.

Color Contrast Check

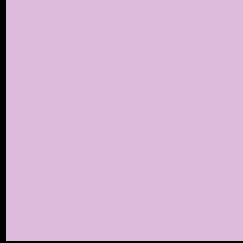
Large Text (above 18pt) WCAG AA × Fail

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 60.3367, 55.9767, 76.0311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

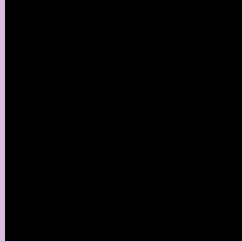
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3367, 55.9767, 76.0311

Background



This preview shows how black text looks on a background with the XYZ color 60.3367, 55.9767, 76.0311.



This preview shows how white text looks on a background with the XYZ color 60.3367, 55.9767,

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

60.3367, 55.9767, 76.0311

Protanopia

55.3433, 56.2324, 80.6101

Deuteranopia

57.2215, 55.9884, 75.5011



Tritanopia

58.3463, 56.1401, 65.5185

Trichromacy



Original Color

60.3367, 55.9767, 76.0311

Protanomaly

57.0177, 56.1327, 79.0637

Deuteranomaly

58.1957, 55.8431, 75.4217

Tritanomaly

59.1689, 56.1584, 69.3491

Monochromacy



Original Color

60.3367, 55.9767, 76.0311

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.1375, 57.4438, 67.7508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3367, 55.9767, 76.0311 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(220, 187, 221)` looks like.

```
.text, #text, p{  
    color:rgb(220, 187, 221)  
}
```

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(220, 187, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 187, 221) }
```

Border

The CSS property to change the border of an element to XYZ 60.3367, 55.9767, 76.0311 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(220, 187, 221) }
```


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

```
.border{ border-color:rgb(220, 187, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 187, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 187, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 187, 221);  
box-shadow:4px 4px 4px 4px rgb(220, 187,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3367, 55.9767, 76.0311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 187, 221) }
```

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

```
.background{ background-color: rgb(220,  
187, 221) }
```

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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