

Converting Colors

XYZ(60.5229, 56.0163, 76.1484)

Have a look what the booklet for
XYZ(60.5229, 56.0163, 76.1484)
contains.

XYZ(60.6403, 56.1333, 76.0453)	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(60.6403, 56.1333,
76.0453)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBBDD
RGB	221, 187, 221
RGB Percent	87%, 73%, 87%
CMY	0.1333, 0.2666, 0.1333
CMYK	0.00, 0.15, 0.00, 0.13
HSL	300°, 33%, 80%
HSV	300°, 15%, 87%
XYZ	60.6403, 56.1333, 76.0453
YIQ	201.0420, 9.3500, 17.7820

Conversions

Conversions Part 2

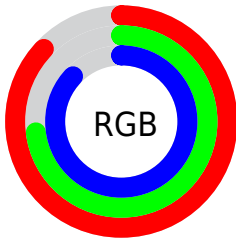
Format	Color
R _Y B	221, 187, 221
Decimal	14531549
CIE Lab	79.69, 17.98, -12.46
CIE LCh	80, 21.880, 325.274
Yxy	56.1333, 0.3145, 0.2911
Android (android.graphics.Color)	4292721629 (0xFFDDBBDD)
YUV	201.0420, 9.8393, 17.5032
Hunter-Lab	74.9222, 13.3601, -7.7333

Details

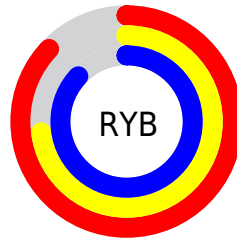
The XYZ color **60.6403, 56.1333, 76.0453** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.3219, 65.8673, 56.8147**, and the grayscale version is **55.4817, 58.3711, 63.5661**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **31.1339, 27.9104, 39.8227** is the 20% darker color. If you saturate the color by 10%, you get **56.3085, 47.4689, 74.6019**, and if you desaturate by 10%, it is **65.6969, 66.2455, 77.7317**.

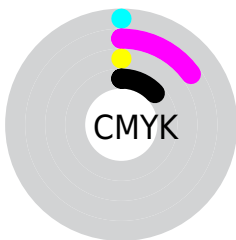
Distribution



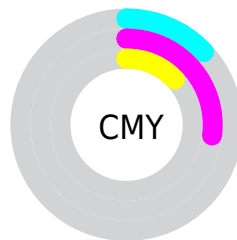
- Red (87%)
- Green (73%)
- Blue (87%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6403, 56.1333, 76.0453 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 60.6403, 56.1333, 76.0453 by changing the saturation by 10% instead.


 60.6403, 56.1333,
76.0453

 60.6403, 56.1333,
76.0453


416.7509,
410.1937, 500.8537

 44.1864, 40.3098,
55.9628


 104.8590, 99.1994,
129.5516

 31.0156, 27.7802,
39.7693

133.3545,
127.2109, 163.8125

 20.7626, 18.1600,
27.0463


166.5946,
160.0538, 203.6365

 13.0621, 11.0649,
17.3752

204.9446,
198.1125, 249.4423

 7.5486, 6.1105,
10.3376

248.7699,
241.7715, 301.6484

 3.8568, 2.9124,
5.5149

298.4358,

 1.6215, 1.0862,

291.4150, 360.6733

2.4884

354.3077,
347.4276, 426.9356

■ 0.4063, 0.0000,
0.8340

■ 0.0000, 0.0000,
0.0000

■ 60.6403, 56.1333,
76.0453

■ 60.6403, 56.1333,
76.0453

■ 56.3085, 47.4689,
74.6019

■ 65.6969, 66.2455,
77.7317

■ 52.6637, 40.1793,
73.3867

■ 71.5041, 77.8598,
79.6676

■ 49.6720, 34.1959,
72.3893

■ 78.0925, 91.0366,
81.8639

■ 47.2949, 29.4418,
71.5968

■ 78.6307, 92.1130,
82.0435

45.4897, 25.8315,
70.9949

78.6307, 92.1130,
82.0437

44.2084, 23.2689,
70.5676

78.6308, 92.1130,
82.0438

43.3950, 21.6423,
70.2963

78.6308, 92.1130,
82.0440

42.9810, 20.8143,
70.1581

78.6309, 92.1130,
82.0442

42.8703, 20.5928,
70.1211

78.6309, 92.1130,
82.0444

Harmonies

Analogous

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



57.0609, 56.1333, 85.8522



60.6403, 56.1333, 76.0453



62.2704, 56.1333, 63.1453

Triad

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



60.6403, 56.1333, 76.0453



54.0557, 56.1333, 39.9468



46.0372, 56.1333, 72.1007

Complementary

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



60.6403, 56.1333, 76.0453



55.3219, 65.8673, 56.8147

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.



45.3304, 56.1333, 59.1377



60.6403, 56.1333, 76.0453



49.8094, 56.1333, 41.6615

Square

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



60.6403, 56.1333, 76.0453



58.3376, 56.1333, 43.2328



46.6743, 56.1333, 48.2871



48.6607, 56.1333, 83.3634

Rectangle

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



60.6403, 56.1333, 76.0453



61.9704, 56.1333, 54.9349



46.6743, 56.1333, 48.2871



45.5740, 56.1333, 67.7519

Sweetspot

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



60.6420, 56.1357, 76.0465



91.1166, 92.1332, 107.5887



51.3175, 51.3288, 75.6104



19.3889, 19.4928, 22.9905



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.



60.6420, 56.1357, 76.0465



82.1149, 74.1300, 104.5879



58.4902, 55.2750, 64.7152



13.6144, 13.2749, 16.4968



24.9036, 11.9625, 40.7337



1.6134, 0.7750, 2.6389

Inverse Universe

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



60.6420, 56.1357, 76.0465



82.1149, 74.1300, 104.5879



57.2511, 66.6390, 66.9740



13.6144, 13.2749, 16.4968



24.9036, 11.9625, 40.7337



1.6134, 0.7750, 2.6389

Previews

White Background



This preview shows how the XYZ color 60.6403, 56.1333, 76.0453 looks on a white background.

Color Contrast Check

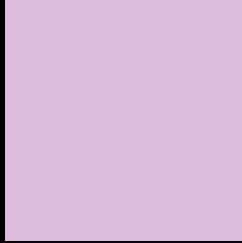
Large Text (above 18pt) WCAG AA × Fail

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 60.6403, 56.1333, 76.0453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

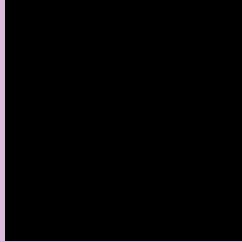
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6403, 56.1333, 76.0453

Background



This preview shows how black text looks on a background with the XYZ color 60.6403, 56.1333, 76.0453.



This preview shows how white text looks on a background with the XYZ color 60.6403, 56.1333,

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

60.6403, 56.1333, 76.0453

Protanopia

55.3433, 56.2324, 80.6101

Deuteranopia

57.5000, 56.1320, 75.5141



Tritanopia

58.6463, 56.2948, 65.5326

Trichromacy



Original Color

60.6403, 56.1333, 76.0453

Protanomaly

57.2892, 56.2727, 79.0764

Deuteranomaly

58.4831, 55.9913, 75.4351

Tritanomaly

59.4707, 56.3140, 69.3633

Monochromacy



Original Color

60.6403, 56.1333, 76.0453

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 60.6403, 56.1333, 76.0453 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(221, 187, 221)` looks like.

```
.text, #text, p{  
    color:rgb(221, 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(221, 187, 221) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 60.6403, 56.1333, 76.0453 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(221, 187, 221) }
```


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

```
.border{ border-color:rgb(221, 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(221, 187, 221)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 60.6403, 56.1333, 76.0453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(221,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor