

Converting Colors

XYZ(41.4277, 25.9925, 55.6547)

Have a look what the booklet for
XYZ(41.4277, 25.9925, 55.6547)
contains.

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Color

**XYZ(41.4330, 26.0061,
55.6592)**

Conversions

Conversions Part 1

Format	Color
Hex	D55DC5
RGB	213, 93, 197
RGB Percent	84%, 36%, 77%
CMY	0.1647, 0.6353, 0.2274
CMYK	0.00, 0.56, 0.08, 0.16
HSL	308°, 59%, 60%
HSV	308°, 56%, 84%
XYZ	41.4330, 26.0061, 55.6592
YIQ	140.7360, 38.1360, 57.7840

Conversions

Conversions Part 2

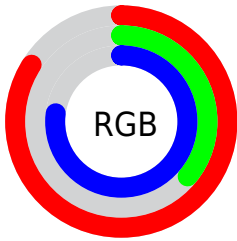
Format	Color
R_{YB}	213, 93, 197
Decimal	13983173
CIE Lab	58.04, 59.97, -32.25
CIE LCh	58, 68.091, 331.725
Yxy	26.0061, 0.3366, 0.2113
Android (android.graphics.Color)	4292173253 (0xFFD55DC5)
YUV	140.7360, 27.7382, 63.3755
Hunter-Lab	50.9962, 55.7831, -29.0141

Details

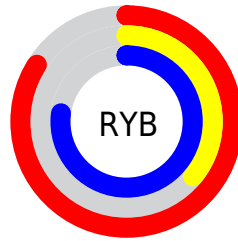
The XYZ color **41.4330, 26.0061, 55.6592** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **31.0700, 51.0208, 22.6803**, and the grayscale version is **25.0997, 26.4069, 28.7571**.

A 20% lighter version of the original color is **69.8768, 49.9106, 99.7167**, and **19.0475, 10.0958, 26.9314** is the 20% darker color. If you saturate the color by 10%, you get **39.4949, 22.6454, 53.4227**, and if you desaturate by 10%, it is **43.8995, 30.4128, 58.1025**.

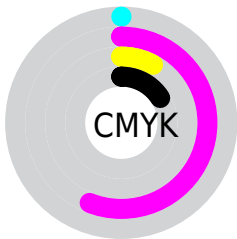
Distribution



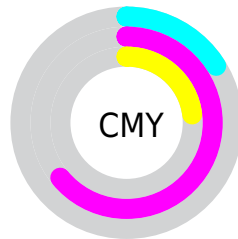
- Red (84%)
- Green (36%)
- Blue (77%)



- Red (84%)
- Yellow (36%)
- Blue (77%)



- Cyan (0%)
- Magenta (56%)
- Yellow (8%)
- Black (16%)





- Cyan (16%)
- Magenta (64%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4330, 26.0061, 55.6592 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 41.4330, 26.0061, 55.6592 by changing the saturation by 10% instead.


 41.4330, 26.0061,
55.6592


 41.4330, 26.0061,
55.6592


343.1588,
282.8120, 425.7581

 28.8467, 16.8282,
39.5276


 76.6113, 53.2848,
99.9869

 19.1086, 10.1121,
26.8594


 99.9341, 72.1544,
129.0201

 11.8533, 5.4733,
17.2362


 127.5664, 95.0233,
163.1909

 6.7153, 2.5276,
10.2393

 159.8737,
122.2760, 202.9179

 3.3294, 0.8904,
5.4502

197.2212,
154.2968, 248.6196

 1.3303, 0.0000,
2.4504

239.9743,

 0.2057, 0.0000,

191.4701, 300.7144

0.8137

288.4984,
234.1804, 359.6211

■ 0.0000, 0.0000,
0.0000

■ 41.4330, 26.0061,
55.6592

■ 41.4330, 26.0061,
55.6592

■ 39.4949, 22.6454,
53.4227

■ 43.8995, 30.4128,
58.1025

■ 38.0382, 20.2381,
51.3766

■ 46.9312, 35.9405,
60.7645

■ 37.0118, 18.6818,
49.5038

■ 50.5645, 42.6616,
63.6575

■ 36.3503, 17.8456,
47.7824

■ 54.8321, 50.6412,
66.7927

■ 36.1555, 17.6322,
47.1749

■ 59.7643, 59.9400,
70.1803

■ 65.3893, 70.6144,
73.8300

■ 71.7339, 82.7178,
77.7507

■ 76.0824, 90.8189,
81.0374

■ 76.4613, 90.9705,
83.0324

Harmonies

Analogous

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



34.0055, 26.0061, 86.9843



41.4330, 26.0061, 55.6592



44.1436, 26.0061, 26.9741

Triad

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



41.4330, 26.0061, 55.6592



24.2448, 26.0061, 2.8815



13.5555, 26.0061, 59.4490

Complementary

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



41.4330, 26.0061, 55.6592



31.0700, 51.0208, 22.6803

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.



12.0370, 26.0061, 29.7021



41.4330, 26.0061, 55.6592



17.2972, 26.0061, 4.6172

Square

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



41.4330, 26.0061, 55.6592



32.9953, 26.0061, 4.2220



13.2389, 26.0061, 11.8192



17.9556, 26.0061, 89.8984

Rectangle

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



41.4330, 26.0061, 55.6592



42.5204, 26.0061, 14.6381



13.2389, 26.0061, 11.8192



12.7414, 26.0061, 48.6166

Sweetspot

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



41.4339, 26.0073, 55.6597



81.8292, 75.0254, 99.9706



22.2326, 15.8855, 64.8460



17.2228, 15.5110, 21.1880



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.



41.4339, 26.0073, 55.6597



58.7754, 33.0537, 79.5354



35.8714, 23.7823, 26.3683



12.8785, 12.6029, 15.3002



22.1126, 10.7814, 28.9608



1.3539, 0.6584, 1.8532

Inverse Universe

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



41.4339, 26.0073, 55.6597



58.7754, 33.0537, 79.5354



35.4711, 52.7812, 45.8558



12.8785, 12.6029, 15.3002



22.1126, 10.7814, 28.9608



1.3539, 0.6584, 1.8532

Previews

White Background



This preview shows how the XYZ color 41.4330, 26.0061, 55.6592 looks on a white background.

Color Contrast Check

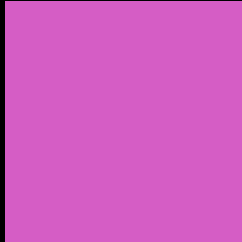
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.4330, 26.0061, 55.6592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

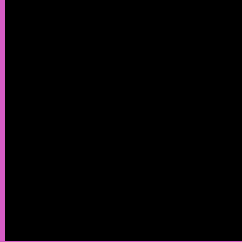
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.4330, 26.0061, 55.6592

Background



This preview shows how black text looks on a background with the XYZ color 41.4330, 26.0061, 55.6592.

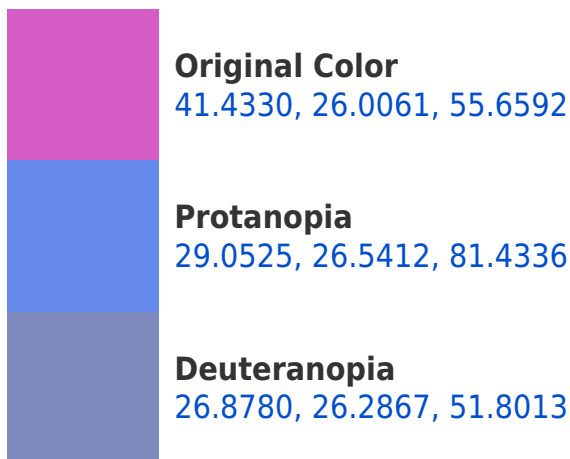


This preview shows how white text looks on a background with the XYZ color 41.4330, 26.0061,

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





Tritanopia

34.3612, 25.9235, 20.9620

Trichromacy



Original Color

41.4330, 26.0061, 55.6592



Protanomaly

30.8730, 24.5579, 71.5196



Deuteranomaly

30.5745, 24.9939, 53.0820



Tritanomaly

36.4093, 25.6512, 31.0492

Monochromacy



Original Color

41.4330, 26.0061, 55.6592



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

29.5770, 25.2040, 37.0242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4330, 26.0061, 55.6592 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(213, 93, 197)` looks like.

```
.text, #text, p{  
    color:rgb(213, 93, 197)  
}
```

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(213, 93, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 93, 197) }
```

Border

The CSS property to change the border of an element to XYZ 41.4330, 26.0061, 55.6592 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(213, 93, 197) }
```


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

```
.border{ border-color:rgb(213, 93, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 93, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 93, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 93, 197); box-shadow:4px 4px 4px 4px rgb(213, 93, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4330, 26.0061, 55.6592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 93, 197) }
```

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

```
.background{ background-color: rgb(213, 93,  
197) }
```

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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