

Converting Colors

XYZ(38.9475, 26.7034, 56.1771)

Have a look what the booklet for
XYZ(38.9475, 26.7034, 56.1771)
contains.

XYZ(38.8889, 26.6887, 55.9251)	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(38.8889, 26.6887,
55.9251)**

Conversions

Conversions Part 1

Format	Color
Hex	C76BC5
RGB	199, 107, 197
RGB Percent	78%, 42%, 77%
CMY	0.2196, 0.5804, 0.2274
CMYK	0.00, 0.46, 0.01, 0.22
HSL	301°, 45%, 60%
HSV	301°, 46%, 78%
XYZ	38.8889, 26.6887, 55.9251
YIQ	144.7680, 25.9420, 47.4940

Conversions

Conversions Part 2

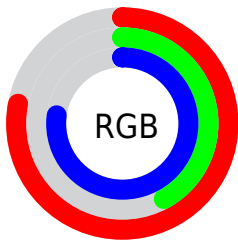
Format	Color
R_{YB}	199, 107, 197
Decimal	13069253
CIE _{Lab}	58.69, 49.27, -31.40
CIE _{LCh}	59, 58.429, 327.491
Yxy	26.6887, 0.3201, 0.2197
Android (android.graphics.Color)	4291259333 (0xFFC76BC5)
YUV	144.7680, 25.7504, 47.5615
Hunter-Lab	51.6611, 43.9624, -28.0209

Details

The XYZ color **38.8889, 26.6887, 55.9251** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **29.2483, 45.0777, 21.6288**, and the grayscale version is **26.7119, 28.1030, 30.6042**.

A 20% lighter version of the original color is **71.8743, 53.9055, 100.3825**, and **17.6048, 10.4611, 27.0779** is the 20% darker color. If you saturate the color by 10%, you get **36.9988, 22.9871, 55.0510**, and if you desaturate by 10%, it is **41.2584, 31.3476, 56.9602**.

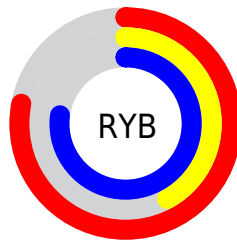
Distribution



Red (78%)

Green (42%)

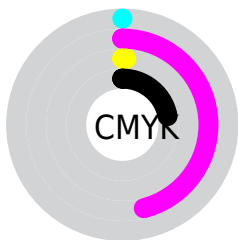
Blue (77%)



Red (78%)

Yellow (42%)

Blue (77%)

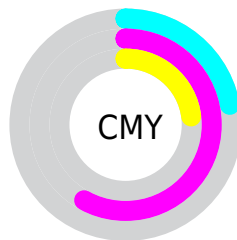


Cyan (0%)

Magenta (46%)

Yellow (1%)

Black (22%)



Cyan (22%)


Magenta (58%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8889, 26.6887, 55.9251 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 38.8889, 26.6887, 55.9251 by changing the saturation by 10% instead.


 38.8889, 26.6887,
55.9251


 38.8889, 26.6887,
55.9251

332.6332,
286.1467, 426.7895

 26.8536, 17.3396,
39.7393


 72.7637, 54.3839,
100.3798


 17.5994, 10.4769,
27.0231


 95.3340, 73.4988,
129.4857

 10.7607, 5.7163,
17.3580


 122.1467, 96.6377,
163.7354

 5.9722, 2.6733,
10.3254

 153.5671,
124.1851, 203.5474

 2.8687, 0.9637,
5.5068

189.9606,
156.5253, 249.3403

 1.0847, 0.0000,
2.4837

231.6925,

 0.0123, 0.0000,

194.0426, 301.5326

0.8315

279.1283,
237.1217, 360.5428

■ 0.0000, 0.0000,
0.0000

■ 38.8889, 26.6887,
55.9251

■ 38.8889, 26.6887,
55.9251

■ 36.9988, 22.9871,
55.0510

■ 41.2584, 31.3476,
56.9602

■ 35.5520, 20.1726,
54.3252

■ 44.1345, 37.0201,
58.1646

■ 34.5122, 18.1717,
53.7356

■ 47.5458, 43.7628,
59.5481

■ 33.8356, 16.8971,
53.2679

■ 51.5178, 51.6267,
61.1193

■ 33.4668, 16.2379,
52.9035

■ 56.0746, 60.6597,
62.8860

■ 33.3670, 16.0677,
52.7793

■ 61.2385, 70.9071,
64.8559

■ 67.0311, 82.4114,
67.0359

■ 69.7930, 87.8541,
68.2065

■ 69.8438, 87.8744,
68.4741

Harmonies

Analogous

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



32.2919, 26.6887, 80.1709



38.8889, 26.6887, 55.9251



41.8196, 26.6887, 30.8257

Triad

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



38.8889, 26.6887, 55.9251



25.9763, 26.6887, 4.7476



14.9809, 26.6887, 51.4117

Complementary

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



38.8889, 26.6887, 55.9251



29.2483, 45.0777, 21.6288

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.



13.9185, 26.6887, 27.3620



38.8889, 26.6887, 55.9251



19.5101, 26.6887, 6.1980

Square

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



38.8889, 26.6887, 55.9251



33.5377, 26.6887, 6.8370



15.4106, 26.6887, 12.5628



18.6441, 26.6887, 76.8127

Rectangle

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



38.8889, 26.6887, 55.9251



40.9528, 26.6887, 18.7178



15.4106, 26.6887, 12.5628



14.3419, 26.6887, 42.6441

Sweetspot

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



38.8898, 26.6899, 55.9257



84.5751, 79.2498, 104.7930



21.8171, 17.8619, 56.3314



17.7957, 16.3556, 22.3075



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.



38.8898, 26.6899, 55.9257



64.9050, 40.4896, 96.4485



34.4358, 24.9083, 32.4714



11.0728, 10.8125, 13.3665



21.4599, 10.3335, 33.9614



1.0194, 0.4906, 1.6251

Inverse Universe

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



38.8898, 26.6899, 55.9257



64.9050, 40.4896, 96.4485



32.3652, 46.3245, 38.0422



11.0728, 10.8125, 13.3665



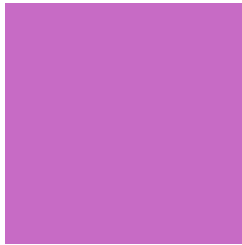
21.4599, 10.3335, 33.9614



1.0194, 0.4906, 1.6251

Previews

White Background



This preview shows how the XYZ color 38.8889, 26.6887, 55.9251 looks on a white background.

Color Contrast Check

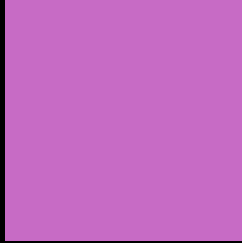
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.8889, 26.6887, 55.9251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

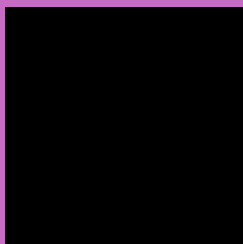
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.8889, 26.6887, 55.9251

Background



This preview shows how black text looks on a background with the XYZ color 38.8889, 26.6887, 55.9251.

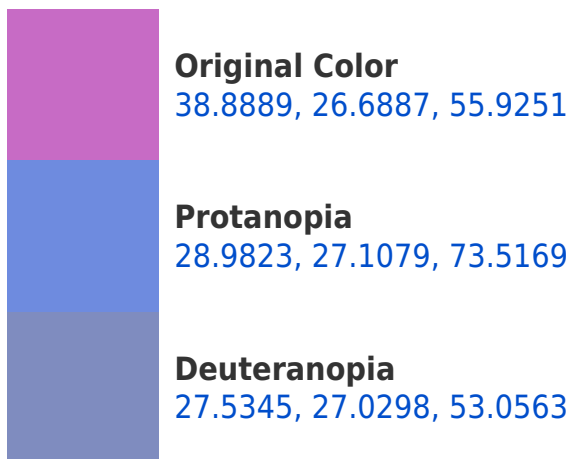


This preview shows how white text looks on a background with the XYZ color 38.8889, 26.6887,

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

32.5421, 26.6341, 24.8985

Trichromacy



Original Color

38.8889, 26.6887, 55.9251



Protanomaly

30.8823, 25.7846, 66.9676



Deuteranomaly

30.4817, 26.0609, 53.8758



Tritanomaly

34.5258, 26.5585, 34.3169

Monochromacy



Original Color

38.8889, 26.6887, 55.9251



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

30.3342, 26.9123, 38.7178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8889, 26.6887, 55.9251 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(199, 107, 197)` looks like.

```
.text, #text, p{  
    color:rgb(199, 107, 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(199, 107, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 107, 197) }
```

Border

The CSS property to change the border of an element to XYZ 38.8889, 26.6887, 55.9251 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(199, 107, 197) }
```


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

```
.border{ border-color:rgb(199, 107, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 107, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 107, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 107, 197);  
box-shadow:4px 4px 4px 4px rgb(199, 107,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8889, 26.6887, 55.9251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 107, 197) }
```

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

```
.background{ background-color: rgb(199,  
107, 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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