

Converting Colors

XYZ(30.3857, 25.2781, 61.0353)

Have a look what the booklet for
XYZ(30.3857, 25.2781, 61.0353)
contains.

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Color

**XYZ(30.3857, 25.2781,
61.0353)**

Conversions

Conversions Part 1

Format	Color
Hex	937DCD
RGB	147, 125, 205
RGB Percent	58%, 49%, 80%
CMY	0.4235, 0.5098, 0.1961
CMYK	0.28, 0.39, 0.00, 0.20
HSL	257°, 44%, 65%
HSV	257°, 39%, 80%
XYZ	30.3857, 25.2781, 61.0353
YIQ	140.6980, -12.5680, 29.5440

Conversions

Conversions Part 2

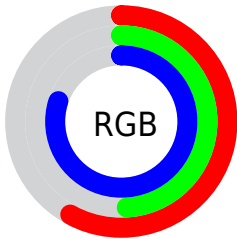
Format	Color
RYB	147, 125, 205
Decimal	9665997
CIELab	57.35, 25.74, -38.45
CIELCh	57, 46.270, 303.802
Yxy	25.2781, 0.2604, 0.2166
Android (android.graphics.Color)	4287856077 (0xFF937DCD)
YUV	140.6980, 31.7009, 5.5269
Hunter-Lab	50.2773, 19.8933, -36.7823

Details

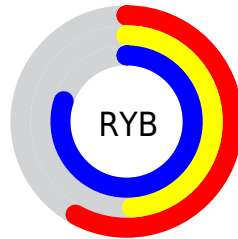
The XYZ color **30.3857, 25.2781, 61.0353** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **45.0621, 55.2112, 27.6848**, and the grayscale version is **25.0836, 26.3899, 28.7386**.

A 20% lighter version of the original color is **58.5990, 51.7573, 101.5094**, and **12.7056, 9.7506, 30.0666** is the 20% darker color. If you saturate the color by 10%, you get **25.5583, 19.3268, 60.1415**, and if you desaturate by 10%, it is **36.0949, 32.4800, 62.1249**.

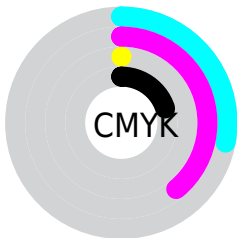
Distribution



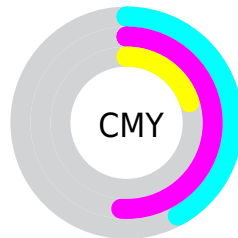
- Red (58%)
- Green (49%)
- Blue (80%)



- Red (58%)
- Yellow (49%)
- Blue (80%)



- Cyan (28%)
- Magenta (39%)
- Yellow (0%)
- Black (20%)



- Cyan (42%)
- Magenta (51%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3857, 25.2781, 61.0353 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 30.3857, 25.2781, 61.0353 by changing the saturation by 10% instead.

■ 30.3857, 25.2781,
61.0353

■ 30.3857, 25.2781,
61.0353

295.5758,
279.2201, 446.3136

■ 20.2811, 16.2844,
43.8229

■ 59.6541, 52.1080,
107.8881

■ 12.7090, 9.7256,
30.1951

■ 79.5485, 70.7130,
138.3655

■ 7.3041, 5.2174,
19.7334

■ 103.4369, 93.2905,
174.1018

■ 3.7010, 2.3754,
12.0193

131.6846,
120.2250, 215.5153

■ 1.5344, 0.8132,
6.6341

164.6570,
151.9008, 263.0248

■ 0.3491, 0.0000,
3.1594

202.7194,

■ 0.0000, 0.0000,

188.7023, 317.0486

1.1766

246.2373,
231.0139, 378.0053

■ 0.0000, 0.0000,
0.0000

■ 30.3857, 25.2781,
61.0353

■ 30.3857, 25.2781,
61.0353

■ 25.5583, 19.3268,
60.1415

■ 36.0949, 32.4800,
62.1249

■ 21.5636, 14.5501,
59.4300

■ 42.7258, 40.9965,
63.4193

■ 18.3517, 10.8679,
58.8886

■ 50.3192, 50.8910,
64.9289

■ 15.8658, 8.1887,
58.5024

■ 58.9126, 62.2217,
66.6631

■ 14.0404, 6.4054,
58.2544

■ 68.5413, 75.0434,
68.6304

■ 12.7762, 5.3457,
58.1165

■ 79.2390, 89.4080,
70.8392

■ 12.6715, 5.2594,
58.1054

■ 86.5776, 96.4445,
71.8106

■ 88.0195, 97.1878,
71.8781

Harmonies

Analogous

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



24.7324, 25.2781, 70.0143



30.3857, 25.2781, 61.0353



34.7890, 25.2781, 43.1318

Triad

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



30.3857, 25.2781, 61.0353



28.9906, 25.2781, 8.3410



14.9625, 25.2781, 29.5760

Complementary

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



30.3857, 25.2781, 61.0353



45.0621, 55.2112, 27.6848

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.



15.7492, 25.2781, 16.2243



30.3857, 25.2781, 61.0353



23.3333, 25.2781, 7.0444

Square

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



30.3857, 25.2781, 61.0353



33.9014, 25.2781, 13.9049



18.6222, 25.2781, 9.2779



16.2830, 25.2781, 47.9848

Rectangle

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



30.3857, 25.2781, 61.0353



36.1136, 25.2781, 30.9158



18.6222, 25.2781, 9.2779



14.9905, 25.2781, 24.3890

Sweetspot

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



30.3866, 25.2791, 61.0359



78.3572, 78.0391, 105.5409



36.5490, 42.9112, 64.1144



16.4140, 16.2369, 22.5189



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.



30.3866, 25.2791, 61.0359



42.9066, 32.9267, 98.7018



38.6846, 29.5569, 61.4242



10.8865, 10.9908, 14.1180



7.9680, 3.3152, 36.1762



0.4856, 0.2095, 1.8698

Inverse Universe

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



41.0584, 31.0662, 48.6327



63.1152, 43.9060, 74.2841



36.9772, 51.0433, 27.3065



11.5508, 11.3491, 13.4351



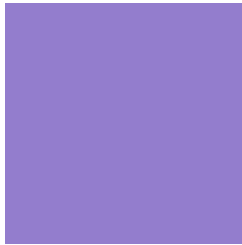
19.0739, 9.4402, 18.6397



1.0150, 0.4994, 1.1247

Previews

White Background



This preview shows how the XYZ color 30.3857, 25.2781, 61.0353 looks on a white background.

Color Contrast Check

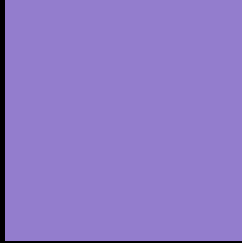
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3857, 25.2781, 61.0353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

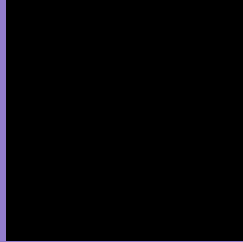
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3857, 25.2781, 61.0353

Background



This preview shows how black text looks on a background with the XYZ color 30.3857, 25.2781, 61.0353.



This preview shows how white text looks on a background with the XYZ color 30.3857, 25.2781,

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

30.3857, 25.2781, 61.0353

Protanopia

27.1082, 25.4342, 67.0989

Deuteranopia

26.1556, 25.5181, 60.0469



Tritanopia

24.4443, 25.2637, 31.6050

Trichromacy



Original Color

30.3857, 25.2781, 61.0353

Protanomaly

28.0426, 25.1467, 65.0038

Deuteranomaly

27.4550, 25.3456, 60.5719

Tritanomaly

26.3642, 25.2151, 41.0136

Monochromacy



Original Color

30.3857, 25.2781, 61.0353

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.6925, 25.8479, 38.7043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3857, 25.2781, 61.0353 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(147, 125, 205)` looks like.

```
.text, #text, p{  
    color:rgb(147, 125, 205)  
}
```

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(147, 125, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 125, 205) }
```

Border

The CSS property to change the border of an element to XYZ 30.3857, 25.2781, 61.0353 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(147, 125, 205) }
```


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

```
.border{ border-color:rgb(147, 125, 205) }
```

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

Here you see how a box with a 4 pixel rgb(147, 125, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 125, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 125, 205);  
box-shadow:4px 4px 4px 4px rgb(147, 125,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3857, 25.2781, 61.0353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 125, 205) }
```

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

```
.background{ background-color: rgb(147,  
125, 205) }
```

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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