

Converting Colors

XYZ(75.0330, 49.1177,
213.0062)

Have a look what the booklet for
XYZ(75.0330, 49.1177, 213.0062)
contains.

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Color

**XYZ(53.6290, 40.5926,
99.6163)**

Conversions

Conversions Part 1

Format	Color
Hex	CE91FF
RGB	206, 145, 255
RGB Percent	81%, 57%, 100%
CMY	0.1921, 0.4314, 0.0000
CMYK	0.19, 0.43, 0.00, 0.00
HSL	273°, 100%, 78%
HSV	273°, 43%, 100%
XYZ	53.6290, 40.5926, 99.6163
YIQ	175.7790, 1.0460, 47.1420

Conversions

Conversions Part 2

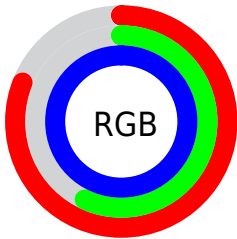
Format	Color
R _Y B	206, 145, 255
Decimal	13537791
CIE Lab	69.89, 42.95, -46.07
CIE LCh	70, 62.988, 312.993
Yxy	40.5926, 0.2767, 0.2094
Android (android.graphics.Color)	4291727871 (0xFFCE91FF)
YUV	175.7790, 39.0560, 26.5038
Hunter-Lab	63.7123, 38.7534, -48.1032

Details

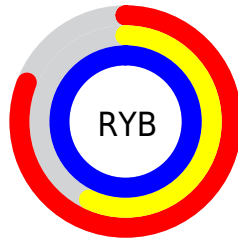
The XYZ color **53.6290, 40.5926, 99.6163** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **63.1196, 85.0339, 39.8761**, and the grayscale version is **40.9559, 43.0888, 46.9237**.

A 20% lighter version of the original color is **79.9443, 69.7886, 103.8648**, and **26.6851, 18.3899, 55.5692** is the 20% darker color. If you saturate the color by 10%, you get **47.1207, 32.0886, 98.3179**, and if you desaturate by 10%, it is **61.2423, 50.9659, 101.2173**.

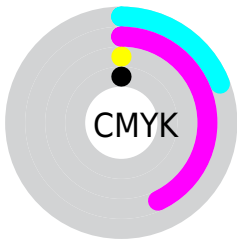
Distribution



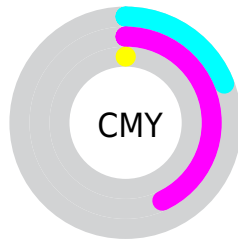
- Red (81%)
- Green (57%)
- Blue (100%)



- Red (81%)
- Yellow (57%)
- Blue (100%)



- Cyan (19%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (19%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6290, 40.5926, 99.6163 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 53.6290, 40.5926, 99.6163 by changing the saturation by 10% instead.


 53.6290, 40.5926,
99.6163


 53.6290, 40.5926,
99.6163


390.9152,
348.6150, 580.1980

 38.5346, 28.0009,
75.3650


 94.6894, 76.0651,
162.6771

 26.5770, 18.3263,
55.4085


 121.3861, 99.7146,
202.3236

 17.3907, 11.1845,
39.3280


152.6810,
127.8189, 247.9391

 10.6105, 6.1911,
26.7052

188.9394,
160.7623, 299.9419

 5.8709, 2.9616,
17.1215

230.5266,
198.9292, 358.7507

 2.8067, 1.1117,
10.1583

277.8081,

 1.0524, 0.0000,

242.7040, 424.7839

5.3970

331.1492,
292.4712, 498.4602

■ 0.0000, 0.0000,
2.4193

■ 0.0000, 0.0000,
0.7969

■ 53.6290, 40.5926,
99.6163

■ 53.6290, 40.5926,
99.6163

■ 47.1207, 32.0886,
98.3179

■ 61.2423, 50.9659,
101.2173

■ 41.6494, 25.3284,
97.3014

■ 70.0148, 63.3137,
103.1383

■ 37.1448, 20.1778,
96.5447

■ 80.0018, 77.7385,
105.3962

■ 33.5249, 16.4802,
96.0218

■ 91.2537, 94.3346,
108.0066

■ 30.6908, 14.0459,
95.7013

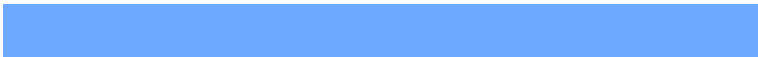
95.0500, 100.0000,
108.9000

■ 29.1046, 12.9189,
95.5673

Harmonies

Analogous

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



43.1811, 40.5926, 125.0769



53.6290, 40.5926, 99.6163



60.6438, 40.5926, 62.8322

Triad

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



53.6290, 40.5926, 99.6163



44.6335, 40.5926, 9.2285



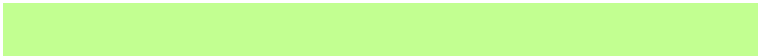
22.3987, 40.5926, 58.1298

Complementary

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



53.6290, 40.5926, 99.6163



63.1196, 85.0339, 39.8761

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.



22.6481, 40.5926, 29.6693



53.6290, 40.5926, 99.6163



34.3217, 40.5926, 8.8732

Square

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



53.6290, 40.5926, 99.6163



54.8532, 40.5926, 15.8160



26.6511, 40.5926, 14.4492



25.8960, 40.5926, 94.8906

Rectangle

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



53.6290, 40.5926, 99.6163



61.7788, 40.5926, 41.3188



26.6511, 40.5926, 14.4492



22.0681, 40.5926, 47.2089

Sweetspot

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



53.6304, 40.5942, 99.6166



80.1460, 77.9491, 105.4293



49.1315, 52.0476, 102.0644



16.6590, 15.9622, 22.4529



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.



53.6304, 40.5942, 99.6166



47.8065, 32.9644, 98.4508



68.5430, 48.3828, 95.7583



17.9664, 17.8744, 22.7531



15.3823, 6.8404, 49.9442



1.6235, 0.7309, 4.8688

Inverse Universe

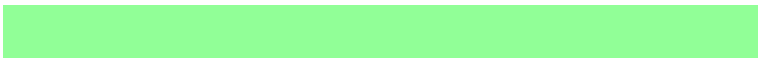
The Inverse Universe completely reimagines the original color for something new.



61.1037, 45.4071, 56.5835



56.6372, 38.6329, 48.4390



52.9834, 79.7584, 41.6697



18.3456, 18.1216, 20.4371



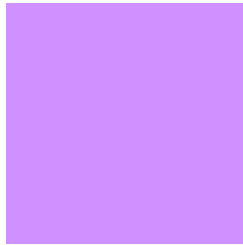
23.1961, 11.7677, 9.6831



2.3125, 1.1674, 1.2271

Previews

White Background



This preview shows how the XYZ color 53.6290, 40.5926, 99.6163 looks on a white background.

Color Contrast Check

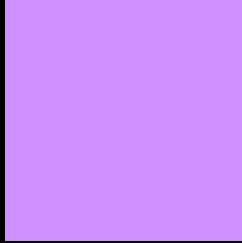
Large Text (above 18pt) WCAG AA × Fail

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 53.6290, 40.5926, 99.6163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

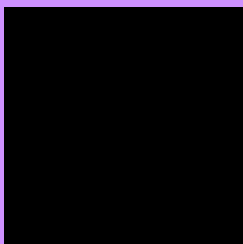
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6290, 40.5926, 99.6163

Background



This preview shows how black text looks on a background with the XYZ color 53.6290, 40.5926, 99.6163.



This preview shows how white text looks on a background with the XYZ color 53.6290, 40.5926,

99.6163.

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

53.6290, 40.5926, 99.6163

Protanopia

42.8678, 40.8007, 100.2237

Deuteranopia

42.1113, 41.0549, 96.1474



Tritanopia

42.8274, 40.6270, 46.1420

Trichromacy



Original Color

53.6290, 40.5926, 99.6163



Protanomaly

45.9306, 40.2541, 99.9568



Deuteranomaly

45.4198, 40.3045, 97.4811

Tritanomaly

46.0763, 40.1423, 62.4465

Monochromacy



Original Color

53.6290, 40.5926, 99.6163



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

44.9681, 41.8828, 63.4717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6290, 40.5926, 99.6163 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(206, 145, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 145, 255)  
}
```

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(206, 145, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 145, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.6290, 40.5926, 99.6163 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(206, 145, 255) }
```


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

```
.border{ border-color:rgb(206, 145, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 145, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 145, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 145, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 145,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6290, 40.5926, 99.6163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 145, 255) }
```

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

```
.background{ background-color: rgb(206,  
145, 255) }
```

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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