

Converting Colors

XYZ(42.3322, 28.3492, 54.2797)

Have a look what the booklet for
XYZ(42.3322, 28.3492, 54.2797)
contains.

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Color

**XYZ(42.3322, 28.3492,
54.2797)**

Conversions

Conversions Part 1

Format	Color
Hex	D56AC2
RGB	213, 106, 194
RGB Percent	84%, 42%, 76%
CMY	0.1647, 0.5843, 0.2392
CMYK	0.00, 0.50, 0.09, 0.16
HSL	311°, 56%, 63%
HSV	311°, 50%, 84%
XYZ	42.3322, 28.3492, 54.2797
YIQ	148.0250, 35.5240, 50.0520

Conversions

Conversions Part 2

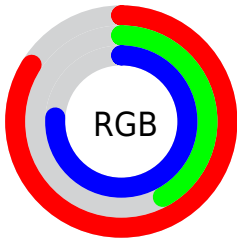
Format	Color
R_{YB}	213, 106, 194
Decimal	13986498
CIE _{Lab}	60.20, 53.38, -27.20
CIE _{LCh}	60, 59.908, 332.999
Yxy	28.3492, 0.3388, 0.2269
Android (android.graphics.Color)	4292176578 (0xFFD56AC2)
YUV	148.0250, 22.6657, 56.9831
Hunter-Lab	53.2440, 48.7414, -23.1726

Details

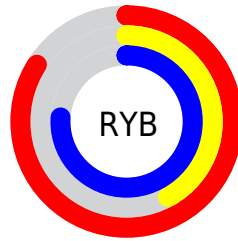
The XYZ color **42.3322, 28.3492, 54.2797** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **33.4410, 52.1343, 27.7044**, and the grayscale version is **28.0578, 29.5189, 32.1461**.

A 20% lighter version of the original color is **71.3975, 53.7148, 97.8717**, and **19.6719, 11.4174, 25.9779** is the 20% darker color. If you saturate the color by 10%, you get **39.9843, 24.3242, 51.4279**, and if you desaturate by 10%, it is **45.2378, 33.4713, 57.3713**.

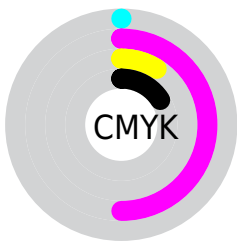
Distribution



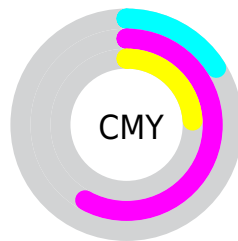
- Red (84%)
- Green (42%)
- Blue (76%)



- Red (84%)
- Yellow (42%)
- Blue (76%)



- Cyan (0%)
- Magenta (50%)
- Yellow (9%)
- Black (16%)





- Cyan (16%)
- Magenta (58%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3322, 28.3492, 54.2797 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 42.3322, 28.3492, 54.2797 by changing the saturation by 10% instead.

 42.3322, 28.3492,
54.2797

 42.3322, 28.3492,
54.2797


346.8264,
294.1318, 420.3804


 29.5537, 18.5891,
38.4306


 77.9642, 57.0415,
97.9453


 19.6465, 11.3737,
26.0127


 101.5484, 76.7424,
126.5990

 12.2451, 6.3188,
16.6073


 129.4652,
100.5257, 160.3579

 6.9842, 3.0399,
9.7959

 162.0801,
128.7758, 199.6406

 3.4985, 1.1526,
5.1600

199.7583,
161.8770, 244.8657

 1.4225, 0.0225,
2.2811

242.8651,

 0.2722, 0.0000,

200.2139, 296.4517

0.7206

291.7661,
244.1706, 354.8171

■ 0.0000, 0.0000,
0.0000

■ 42.3322, 28.3492,
54.2797

■ 42.3322, 28.3492,
54.2797

■ 39.9843, 24.3242,
51.4279

■ 45.2378, 33.4713,
57.3713

■ 38.1502, 21.3101,
48.8000

■ 48.7353, 39.7603,
60.7137

■ 36.7837, 19.2141,
46.3806

■ 52.8594, 47.2850,
64.3191

■ 35.8291, 17.9249,
44.1507

■ 57.6414, 56.1076,
68.1982

■ 35.1960, 17.2484,
42.1224

■ 63.1102, 66.2862,
72.3612

■ 69.2933, 77.8754,
76.8176

■ 76.1826, 90.8590,
81.5649

■ 76.6908, 91.0623,
84.2412

■ 77.2105, 91.2701,
86.9777

Harmonies

Analogous

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



35.7990, 28.3492, 81.5491



42.3322, 28.3492, 54.2797



44.5131, 28.3492, 28.7103

Triad

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



42.3322, 28.3492, 54.2797



26.1809, 28.3492, 4.9870



16.3749, 28.3492, 60.0482

Complementary

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



42.3322, 28.3492, 54.2797



33.4410, 52.1343, 27.7044

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.



14.7405, 28.3492, 33.1301



42.3322, 28.3492, 54.2797



19.6864, 28.3492, 7.2708

Square

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



42.3322, 28.3492, 54.2797



34.2082, 28.3492, 6.4603



15.8276, 28.3492, 15.3921



20.7904, 28.3492, 85.8450

Rectangle

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



42.3322, 28.3492, 54.2797



42.9228, 28.3492, 17.1341



15.8276, 28.3492, 15.3921



15.5245, 28.3492, 50.4795

Sweetspot

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



42.3331, 28.3505, 54.2803



82.9640, 77.5471, 99.5712



25.4537, 19.3863, 65.3519



17.4347, 16.0030, 21.0485



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.



42.3331, 28.3505, 54.2803



59.9714, 36.3547, 77.1314



37.4532, 26.3986, 28.5831



12.8540, 12.5931, 15.1713



21.5333, 10.5496, 25.9100



1.3241, 0.6464, 1.6963

Inverse Universe

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



42.3331, 28.3505, 54.2803



59.9714, 36.3547, 77.1314



37.7083, 53.8413, 50.1756



12.8540, 12.5931, 15.1713



21.5333, 10.5496, 25.9100



1.3241, 0.6464, 1.6963

Previews

White Background



This preview shows how the XYZ color 42.3322, 28.3492, 54.2797 looks on a white background.

Color Contrast Check

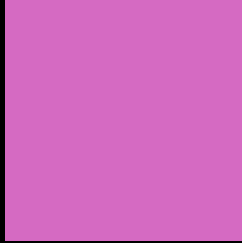
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.3322, 28.3492, 54.2797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

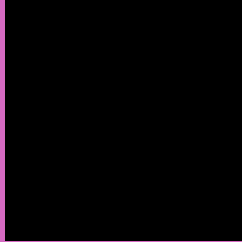
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 42.3322, 28.3492, 54.2797

Background



This preview shows how black text looks on a background with the XYZ color 42.3322, 28.3492, 54.2797.



This preview shows how white text looks on a background with the XYZ color 42.3322, 28.3492,

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

42.3322, 28.3492, 54.2797

Protanopia

30.4779, 28.7545, 73.7559

Deuteranopia

29.2161, 28.5941, 51.5563



Tritanopia

36.3202, 28.4083, 24.6882

Trichromacy



Original Color

42.3322, 28.3492, 54.2797

Protanomaly

32.8152, 27.3941, 65.8454

Deuteranomaly

32.7939, 27.6823, 52.3300

Tritanomaly

38.2897, 28.3460, 33.5902

Monochromacy



Original Color

42.3322, 28.3492, 54.2797

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

32.1923, 28.2623, 39.3558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3322, 28.3492, 54.2797 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, 106, 194)` looks like.

```
.text, #text, p{  
    color:rgb(213, 106, 194)  
}
```

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, 106, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 106, 194) }
```

Border

The CSS property to change the border of an element to XYZ 42.3322, 28.3492, 54.2797 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, 106, 194) }
```


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

```
.border{ border-color:rgb(213, 106, 194) }
```

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

Here you see how a box with a 4 pixel rgb(213, 106, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 106, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 106, 194);  
box-shadow:4px 4px 4px 4px rgb(213, 106,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3322, 28.3492, 54.2797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 106, 194) }
```

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

```
.background{ background-color: rgb(213,  
106, 194) }
```

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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