

Converting Colors

XYZ(28.4470, 41.5842, 22.4096)

Have a look what the booklet for
XYZ(28.4470, 41.5842, 22.4096)
contains.

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Color

**XYZ(28.5209, 41.6867,
22.4627)**

Conversions

Conversions Part 1

Format	Color
Hex	73BE72
RGB	115, 190, 114
RGB Percent	45%, 75%, 45%
CMY	0.5490, 0.2549, 0.5529
CMYK	0.39, 0.00, 0.40, 0.25
HSL	119°, 37%, 60%
HSV	119°, 40%, 75%
XYZ	28.5209, 41.6867, 22.4627
YIQ	158.9110, -20.3040, -39.5360

Conversions

Conversions Part 2

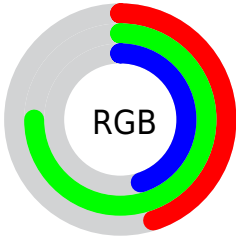
Format	Color
RYB	114, 190, 189
Decimal	7585394
CIELab	70.65, -38.77, 31.23
CIELCh	71, 49.780, 141.148
Yxy	41.6867, 0.3078, 0.4498
Android (android.graphics.Color)	4285775474 (0xFF73BE72)
YUV	158.9110, -22.1411, -38.5099
Hunter-Lab	64.5652, -34.1390, 24.5683

Details

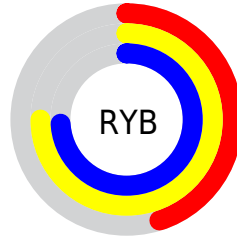
The XYZ color **28.5209, 41.6867, 22.4627** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **36.3000, 26.5726, 51.9333**, and the grayscale version is **33.0195, 34.7390, 37.8308**.

A 20% lighter version of the original color is **56.8134, 77.8576, 48.5929**, and **11.6828, 18.9821, 8.0492** is the 20% darker color. If you saturate the color by 10%, you get **25.3301, 40.1552, 17.2426**, and if you desaturate by 10%, it is **32.4400, 43.5701, 28.8913**.

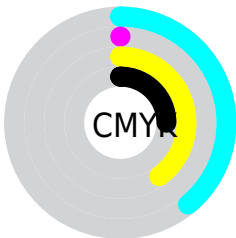
Distribution



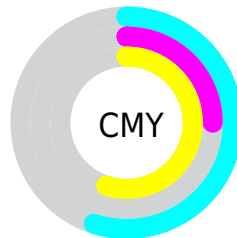
- Red (45%)
- Green (75%)
- Blue (45%)



- Red (45%)
- Yellow (75%)
- Blue (74%)



- Cyan (39%)
- Magenta (0%)
- Yellow (40%)
- Black (25%)



- Cyan (55%)
- Magenta (25%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5209, 41.6867, 22.4627 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 28.5209, 41.6867, 22.4627 by changing the saturation by 10% instead.

■ 28.5209, 41.6867,
22.4627

■ 28.5209, 41.6867,
22.4627

286.9828,
353.1825, 277.9851

■ 18.8611, 28.8560,
13.9957

■ 56.7179, 77.7252,
48.4215

■ 11.6734, 18.9720,
7.9790

■ 75.9858, 101.7019,
66.7504

■ 6.5923, 11.6500,
3.9939

■ 99.1871, 130.1627,
89.2037

■ 3.2525, 6.5058,
1.6220

126.6873,
163.4921, 116.2000

■ 1.2887, 3.1550,
0.3064

158.8516,
202.0743, 148.1577

■ 0.1747, 1.2132,
0.0000

196.0453,

■ 0.0000, 0.0724,

246.2939, 185.4954

0.0000

238.6340,
296.5352, 228.6317

■ 0.0000, 0.0000,
0.0000

■ 28.5209, 41.6867,
22.4627

■ 28.5209, 41.6867,
22.4627

■ 25.3301, 40.1552,
17.2426

■ 32.4400, 43.5701,
28.8913

■ 22.8198, 38.9491,
13.1529

■ 37.1251, 45.8197,
36.5944

■ 20.9416, 38.0462,
10.1109


■ 42.6150, 48.4554,
45.6365


■ 19.6391, 37.4196,
8.0214


■ 48.9451, 51.4942,
56.0770


■ 18.8464, 37.0378,
6.7718

■ 56.1486, 54.9519,
67.9717

 18.4456, 36.8448,
6.1396

 64.2568, 58.8436,
81.3733

 73.2997, 63.1836,
96.3320

 77.7043, 65.3087,
103.1181

Harmonies

Analogous

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



34.1769, 41.6867, 14.8623



28.5209, 41.6867, 22.4627



25.9395, 41.6867, 38.7598

Triad

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



28.5209, 41.6867, 22.4627



37.2338, 41.6867, 106.5984



56.3097, 41.6867, 30.9100

Complementary

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



28.5209, 41.6867, 22.4627



36.3000, 26.5726, 51.9333

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.



57.4272, 41.6867, 52.7357



28.5209, 41.6867, 22.4627



45.6166, 41.6867, 102.2160

Square

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



28.5209, 41.6867, 22.4627



30.4918, 41.6867, 90.6838



53.2840, 41.6867, 80.2145



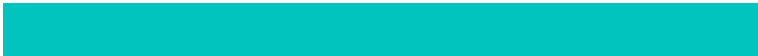
50.4139, 41.6867, 18.4319

Rectangle

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



28.5209, 41.6867, 22.4627



26.0227, 41.6867, 54.7389



53.2840, 41.6867, 80.2145



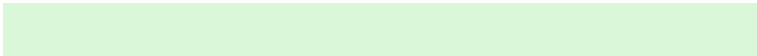
57.2861, 41.6867, 37.1707

Sweetspot

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



28.5220, 41.6885, 22.4636



74.9101, 86.6947, 78.8877



42.4147, 48.4449, 23.0355



16.1515, 18.8943, 16.8320



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.5220, 41.6885, 22.4636



46.5390, 73.0709, 32.2886



30.9186, 42.6320, 35.7653



9.4201, 10.6554, 10.1369



12.2699, 24.5012, 4.0825



0.4846, 0.9618, 0.1601

Inverse Universe

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



36.3000, 26.5726, 51.9333



62.5759, 41.8932, 93.0672



33.0258, 25.2916, 33.3951



9.9173, 9.6897, 12.0198



19.8951, 9.5424, 33.1862



0.7833, 0.3758, 1.3001

Previews

White Background



This preview shows how the XYZ color 28.5209, 41.6867, 22.4627 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 28.5209, 41.6867, 22.4627 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 28.5209, 41.6867, 22.4627

Background



This preview shows how black text looks on a background with the XYZ color 28.5209, 41.6867, 22.4627.



This preview shows how white text looks on a background with the XYZ color 28.5209, 41.6867,

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

28.5209, 41.6867, 22.4627

Protanopia

38.1454, 41.2580, 19.8630

Deuteranopia

42.0221, 41.2455, 23.5157



Tritanopia

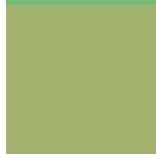
35.5317, 41.4079, 57.7496

Trichromacy



Original Color

28.5209, 41.6867, 22.4627



Protanomaly

33.6325, 40.9431, 20.8820



Deuteranomaly

35.4193, 40.3508, 23.0612



Tritanomaly

32.4809, 41.3941, 42.3543

Monochromacy



Original Color

28.5209, 41.6867, 22.4627



Achromatopsia

32.9542, 34.6704, 37.7561



Achromatomaly

30.6603, 36.5723, 31.4298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5209, 41.6867, 22.4627 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(115, 190, 114)` looks like.

```
.text, #text, p{  
    color:rgb(115, 190, 114)  
}
```

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(115, 190, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 190, 114) }
```

Border

The CSS property to change the border of an element to XYZ 28.5209, 41.6867, 22.4627 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(115, 190, 114) }
```


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

```
.border{ border-color:rgb(115, 190, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 190, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 190, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 190, 114); box-shadow:4px 4px 4px 4px rgb(115, 190, 114) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5209, 41.6867, 22.4627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 190, 114) }
```

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

```
.background{ background-color: rgb(115,  
190, 114) }
```

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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