

Converting Colors

XYZ(30.0521, 42.6790, 29.4159)

Have a look what the booklet for
XYZ(30.0521, 42.6790, 29.4159)
contains.

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Color

**XYZ(30.0742, 42.6557,
29.5700)**

Conversions

Conversions Part 1

Format	Color
Hex	73BF87
RGB	115, 191, 135
RGB Percent	45%, 75%, 53%
CMY	0.5490, 0.2510, 0.4706
CMYK	0.40, 0.00, 0.29, 0.25
HSL	136°, 37%, 60%
HSV	136°, 40%, 75%
XYZ	30.0742, 42.6557, 29.5700
YIQ	161.8920, -27.3200, -33.5280

Conversions

Conversions Part 2

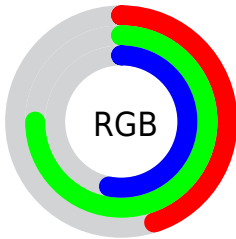
Format	Color
RYB	115, 175, 191
Decimal	7585671
CIELab	71.32, -35.67, 21.04
CIElCh	71, 41.410, 149.470
Yxy	42.6557, 0.2940, 0.4170
Android (android.graphics.Color)	4285775751 (0xFF73BF87)
YUV	161.8920, -13.2578, -41.1243
Hunter-Lab	65.3113, -32.1001, 18.8741

Details

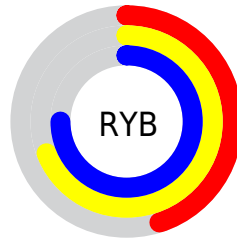
The XYZ color **30.0742, 42.6557, 29.5700** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **34.9686, 26.2790, 41.7589**, and the grayscale version is **34.3622, 36.1518, 39.3693**.

A 20% lighter version of the original color is **59.3303, 79.3550, 60.3341**, and **12.5720, 19.5713, 11.7094** is the 20% darker color. If you saturate the color by 10%, you get **26.8918, 41.1234, 24.5863**, and if you desaturate by 10%, it is **33.9102, 44.5123, 35.2700**.

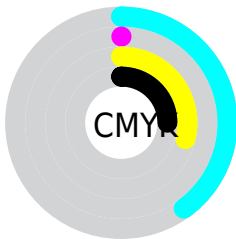
Distribution



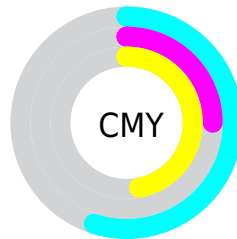
- Red (45%)
- Green (75%)
- Blue (53%)



- Red (45%)
- Yellow (69%)
- Blue (75%)



- Cyan (40%)
- Magenta (0%)
- Yellow (29%)
- Black (25%)



- Cyan (55%)
- Magenta (25%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0742, 42.6557, 29.5700 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 30.0742, 42.6557, 29.5700 by changing the saturation by 10% instead.

■ 30.0742, 42.6557,
29.5700

■ 30.0742, 42.6557,
29.5700

294.1538,
357.1939, 314.0396

■ 20.0433, 29.6151,
19.2632

■ 59.1653, 79.1910,
60.0344

■ 12.5349, 19.5466,
11.6819

■ 78.9562, 103.4545,
81.0291

■ 7.1839, 12.0659,
6.4075

■ 102.7312,
132.2278, 106.4235

■ 3.6247, 6.7886,
3.0217

130.8555,
165.8951, 136.6361

■ 1.4921, 3.3302,
1.1057

163.6946,
204.8411, 172.0855

■ 0.3204, 1.3065,
0.0000

201.6137,

■ 0.0000, 0.1462,

249.4499, 213.1901

0.0000

244.9783,
300.1060, 260.3687

■ 0.0000, 0.0000,
0.0000

■ 30.0742, 42.6557,
29.5700

■ 30.0742, 42.6557,
29.5700

■ 26.8918, 41.1234,
24.5863

■ 33.9102, 44.5123,
35.2700

■ 24.3223, 39.8912,
20.2875

■ 38.4309, 46.7049,
41.7102

■ 22.3252, 38.9402,
16.6445


■ 43.6695, 49.2514,
48.9169


■ 20.8538, 38.2470,
13.6245


■ 49.6557, 52.1666,
56.9142


■ 19.8535, 37.7842,
11.1920


■ 56.4178, 55.4646,
65.7253


 19.2245, 37.5009,
9.3063

 63.9826, 59.1587,
75.3724

 19.2131, 37.4958,
9.2724

 72.3754, 63.2615,
85.8766

 76.7519, 65.2753,
97.0308

 77.9216, 65.7432,
103.1905

Harmonies

Analogous

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



34.3094, 42.6557, 20.4312



30.0742, 42.6557, 29.5700



28.5799, 42.6557, 46.0914

Triad

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



30.0742, 42.6557, 29.5700



40.4194, 42.6557, 96.2744



53.3449, 42.6557, 30.0266

Complementary

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



30.0742, 42.6557, 29.5700



34.9686, 26.2790, 41.7589

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.



55.4503, 42.6557, 46.8001



30.0742, 42.6557, 29.5700



47.4892, 42.6557, 88.4382

Square

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



30.0742, 42.6557, 29.5700



34.1180, 42.6557, 87.8950



53.1965, 42.6557, 68.7600



47.7277, 42.6557, 20.6369

Rectangle

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



30.0742, 42.6557, 29.5700



29.1899, 42.6557, 60.4259



53.1965, 42.6557, 68.7600



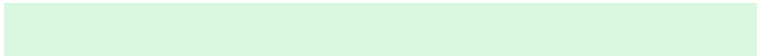
54.5135, 42.6557, 34.8060

Sweetspot

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



30.0753, 42.6575, 29.5710



75.8382, 87.0525, 84.3830



38.7401, 47.2721, 23.3026



16.3738, 18.9800, 18.1474



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.



30.0753, 42.6575, 29.5710



48.6973, 73.9068, 44.8952



33.1487, 43.8868, 45.7552



9.5091, 10.6898, 10.6644



12.6548, 24.6522, 6.2450



0.5237, 0.9769, 0.3922

Inverse Universe

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



34.9686, 26.2790, 41.7589



58.6902, 40.4023, 69.7426



31.9209, 25.0599, 25.7096



9.8198, 9.6522, 11.4403



17.3015, 8.5517, 17.4130



0.7033, 0.3452, 0.8166

Previews

White Background



This preview shows how the XYZ color 30.0742, 42.6557, 29.5700 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 30.0742, 42.6557, 29.5700 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 30.0742, 42.6557, 29.5700

Background



This preview shows how black text looks on a background with the XYZ color 30.0742, 42.6557, 29.5700.



This preview shows how white text looks on a background with the XYZ color 30.0742, 42.6557,

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

30.0742, 42.6557, 29.5700

Protanopia

39.4603, 42.3692, 26.1770

Deuteranopia

42.9095, 42.0874, 30.6731



Tritanopia

36.0286, 42.5334, 59.7369

Trichromacy



Original Color

30.0742, 42.6557, 29.5700



Protanomaly

35.0485, 41.8313, 27.3461



Deuteranomaly

36.6903, 41.4317, 30.1081



Tritanomaly

33.4651, 42.4239, 46.9823

Monochromacy



Original Color

30.0742, 42.6557, 29.5700



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

32.2881, 38.1739, 35.3723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0742, 42.6557, 29.5700 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, 191, 135)` looks like.

```
.text, #text, p{  
    color:rgb(115, 191, 135)  
}
```

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, 191, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 191, 135) }
```

Border

The CSS property to change the border of an element to XYZ 30.0742, 42.6557, 29.5700 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, 191, 135) }
```


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

```
.border{ border-color:rgb(115, 191, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 191, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 191, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 191, 135);  
box-shadow:4px 4px 4px 4px rgb(115, 191,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0742, 42.6557, 29.5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 191, 135) }
```

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

```
.background{ background-color: rgb(115,  
191, 135) }
```

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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