

Converting Colors

YUV(150.4740, 28.3603,
50.4503)

Have a look what the booklet for
YUV(150.4740, 28.3603, 50.4503)
contains.

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Color

**YUV(150.4740, 28.3603,
50.4503)**

Conversions

Conversions Part 1

Format	Color
Hex	D06ED0
RGB	208, 110, 208
RGB Percent	82%, 43%, 82%
CMY	0.1843, 0.5686, 0.1843
CMYK	0.00, 0.47, 0.00, 0.18
HSL	300°, 51%, 62%
HSV	300°, 47%, 82%
XYZ	42.9735, 29.1158, 63.0295
YIQ	150.4740, 26.9500, 51.2540

Conversions

Conversions Part 2

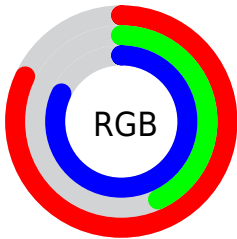
Format	Color
R _{YB}	208, 110, 208
Decimal	13659856
CIE Lab	60.88, 52.36, -34.12
CIE LCh	61, 62.501, 326.908
Yxy	29.1158, 0.3180, 0.2155
Android (android.graphics.Color)	4291849936 (0xFFD06ED0)
YUV	150.4740, 28.3603, 50.4503
Hunter-Lab	53.9591, 47.7307, -31.4851

Details

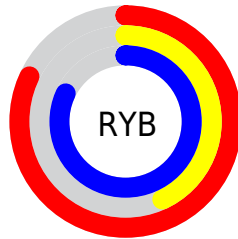
The YUV color **150.4740, 28.3603, 50.4503** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **167.5260, -28.3603, -50.4503**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1700, 26.0452, 46.3319**, and **95.4630, 28.3657, 48.7059** is the 20% darker color. If you saturate the color by 10%, you get **138.1470, 34.4375, 61.2611**, and if you desaturate by 10%, it is **162.8010, 22.2831, 39.6395**.

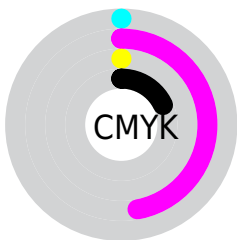
Distribution



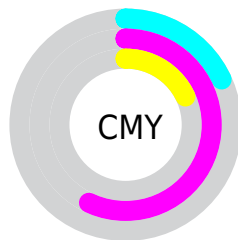
- Red (82%)
- Green (43%)
- Blue (82%)



- Red (82%)
- Yellow (43%)
- Blue (82%)



- Cyan (0%)
- Magenta (47%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (57%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 150.4740, 28.3603, 50.4503 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 YUV color 150.4740, 28.3603, 50.4503 by changing the saturation by 10% instead.


 150.4740, 28.3603,
50.4503


 150.4740, 28.3603,
50.4503


255.0000, 0.0000,
0.0000

 122.7620, 28.2183,
49.3207


 202.1700, 26.0452,
46.3319


 95.4630, 28.3657,
48.7059

 218.6060, 17.9422,
31.9175


 67.4030, 29.3813,
49.6356

 235.0420, 9.8393,
17.5032

 40.6310, 30.2549,
49.4356

 252.6520, 1.1576,
2.0592

 30.0070, 23.1675,
35.9509

 20.5080, 16.5116,
24.1105

 7.2360, 12.2087,

4.1780

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 150.4740, 28.3603,
50.4503

■ 150.4740, 28.3603,
50.4503

■ 138.1470, 34.4375,
61.2611

■ 162.8010, 22.2831,
39.6395

■ 125.8200, 40.5147,
72.0719

■ 175.1280, 16.2059,
28.8287

■ 114.0800, 46.3026,
82.3678

■ 186.8680, 10.4181,
18.5328

■ 101.7530, 52.3798,
93.1786

■ 199.1950, 4.3409,
7.7220

■ 89.4260, 58.4570,
103.9894

■ 211.5220, -1.7363,
-3.0888

■ 85.9040, 60.1933,
107.0782

■ 223.8490, -7.8136,
-13.8996

■ 235.5890,
-13.6014, -24.1956

Harmonies

Analogous

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



147.9530, 48.3372, -10.4828



150.4740, 28.3603, 50.4503



144.6190, 5.1178, 85.4031

Triad

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



150.4740, 28.3603, 50.4503



138.9270, -59.6170, 35.1440



123.7810, 35.1110, -108.5559

Complementary

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



150.4740, 28.3603, 50.4503



167.5260, -28.3603, -50.4503

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.



116.8100, 10.9397, -102.4424



150.4740, 28.3603, 50.4503



134.5240, -48.5723, -7.4755

Square

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



150.4740, 28.3603, 50.4503



142.5610, -44.1536, 68.7910



120.6360, -18.5545, -68.9638



125.2750, 56.0664, -109.8662

Rectangle

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



150.4740, 28.3603, 50.4503



143.0700, -12.3595, 91.1466



120.6360, -18.5545, -68.9638



121.7290, 27.2486, -106.7563

Sweetspot

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



150.4740, 28.3603, 50.4503



233.8680, 10.4181, 18.5328



121.1720, 42.8062, -9.7978



115.0860, 6.3666, 11.3256



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



150.4740, 28.3603, 50.4503



169.8850, 41.9617, 74.6459



144.8880, 6.9572, 55.3492



98.5430, 3.1833, 5.6628



69.3840, 48.6177, 86.4862



16.9330, 11.8650, 21.1068

Inverse Universe

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



150.4740, 28.3603, 50.4503



169.8850, 41.9617, 74.6459



173.1120, -6.9572, -55.3492



98.5430, 3.1833, 5.6628



69.3840, 48.6177, 86.4862



16.9330, 11.8650, 21.1068

Previews

White Background



This preview shows how the YUV color 150.4740, 28.3603, 50.4503 looks on a white background.

Color Contrast Check

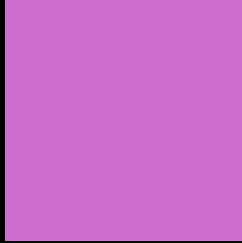
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 150.4740, 28.3603, 50.4503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

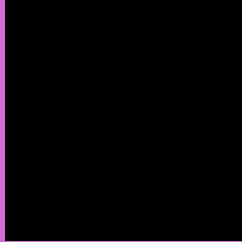
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 150.4740, 28.3603, 50.4503

Background



This preview shows how black text looks on a background with the YUV color 150.4740, 28.3603, 50.4503.



This preview shows how white text looks on a background with the YUV color 150.4740, 28.3603, 50.4503.

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

150.4740, 28.3603, 50.4503

Protanopia

145.0340, 45.3392, -28.9708

Deuteranopia

147.0130, 27.1086, -14.9204



Tritanopia

149.5540, -6.6821, 43.3641

Trichromacy



Original Color

150.4740, 28.3603, 50.4503



Protanomaly

147.2010, 38.8479, -0.1763



Deuteranomaly

147.9820, 27.6169, 8.7858



Tritanomaly

149.8930, 5.9688, 45.6978

Monochromacy



Original Color

150.4740, 28.3603, 50.4503



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.8680, 10.4181, 18.5328

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.4740, 28.3603, 50.4503 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(208, 110, 208)` looks like.

```
.text, #text, p{  
    color:rgb(208, 110, 208)  
}
```

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(208, 110, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 110, 208) }
```

Border

The CSS property to change the border of an element to YUV 150.4740, 28.3603, 50.4503 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(208, 110, 208) }
```


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

```
.border{ border-color:rgb(208, 110, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 110, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 110, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 110, 208);  
box-shadow:4px 4px 4px 4px rgb(208, 110,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 150.4740, 28.3603, 50.4503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 110, 208) }
```

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

```
.background{ background-color: rgb(208,  
110, 208) }
```

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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