

Converting Colors

YUV(72.0710, 45.8140,
-41.2813)

Have a look what the booklet for
YUV(72.0710, 45.8140, -41.2813)
contains.

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Color

**YUV(72.0710, 45.8140,
-41.2813)**

Conversions

Conversions Part 1

Format	Color
Hex	194EA5
RGB	25, 78, 165
RGB Percent	10%, 31%, 65%
CMY	0.9020, 0.6941, 0.3529
CMYK	0.85, 0.53, 0.00, 0.35
HSL	217°, 74%, 37%
HSV	217°, 85%, 65%
XYZ	9.9168, 8.3721, 36.6906
YIQ	72.0710, -59.5150, 15.8210

Conversions

Conversions Part 2

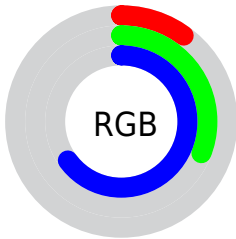
Format	Color
R _Y B	25, 63, 165
Decimal	1658533
CIE Lab	34.75, 16.65, -51.68
CIE LCh	35, 54.299, 287.861
Yxy	8.3721, 0.1804, 0.1523
Android (android.graphics.Color)	4279848613 (0xFF194EA5)
YUV	72.0710, 45.8140, -41.2813
Hunter-Lab	28.9345, 10.5425, -54.9289

Details

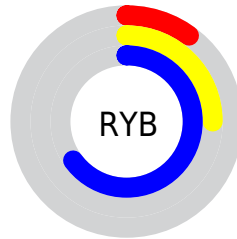
The YUV color **72.0710, 45.8140, -41.2813** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **117.9290, -45.8140, 41.2813**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.5610, 46.0654, -28.5560**, and **33.3130, 38.7927, -29.2155** is the 20% darker color. If you saturate the color by 10%, you get **61.1180, 51.2138, -46.5845**, and if you desaturate by 10%, it is **83.0240, 40.4142, -35.9780**.

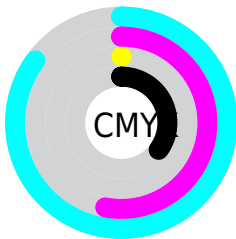
Distribution



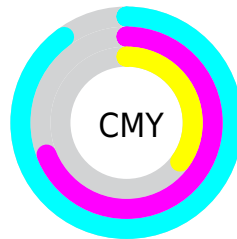
- Red (10%)
- Green (31%)
- Blue (65%)



- Red (10%)
- Yellow (25%)
- Blue (65%)



- Cyan (85%)
- Magenta (53%)
- Yellow (0%)
- Black (35%)



- Cyan (90%)
- Magenta (69%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.0710, 45.8140, -41.2813 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 72.0710, 45.8140, -41.2813 by changing the saturation by 10% instead.

■ 72.0710, 45.8140,
-41.2813

■ 72.0710, 45.8140,
-41.2813

■ 255.0000, 0.0000,
0.0000

■ 48.6040, 44.0722,
-42.6257

■ 127.5610, 46.0654,
-28.5560

■ 33.3130, 38.7927,
-29.2155

■ 155.0990, 46.7862,
-26.3968

■ 18.7230, 33.6606,
-16.4201

■ 180.1890, 36.8818,
-22.9678

■ 10.7040, 25.7819,
-9.3874

■ 204.7090, 24.7935,
-19.0388

■ 6.3210, 16.6037,
-5.5435

■ 230.1150, 12.2683,
-15.0099

■ 2.6390, 7.5730,
-2.3144

■ 251.4120, 1.7689,

■ 0.0000, 0.0000,

-7.3773

0.0000

■ 72.0710, 45.8140,
-41.2813

■ 72.0710, 45.8140,
-41.2813

■ 61.1180, 51.2138,
-46.5845

■ 83.0240, 40.4142,
-35.9780

■ 55.2040, 54.1294,
-48.4139

■ 94.2650, 34.8724,
-31.8044

■ 104.9190, 29.6199,
-27.1160

■ 115.8720, 24.2201,
-21.8127

■ 126.8250, 18.8203,
-16.5095

■ 138.0660, 13.2785,
-12.3359

■ 148.7200, 8.0260,
-7.6474

■ 159.6730, 2.6262,
-2.3442

■ 170.3270, -2.6262,
2.3442

Harmonies

Analogous

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



73.0420, 46.3213, -64.0578



72.0710, 45.8140, -41.2813



83.2170, 27.9940, 27.8737

Triad

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



72.0710, 45.8140, -41.2813



75.6920, -29.4282, 59.0291



65.1810, -1.5682, -57.1637

Complementary

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



72.0710, 45.8140, -41.2813



117.9290, -45.8140, 41.2813

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.



60.3400, -22.8456, -45.9022



72.0710, 45.8140, -41.2813



76.9370, -37.9299, 32.5043

Square

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



72.0710, 45.8140, -41.2813



71.4530, -6.6323, 74.1477



74.3800, -36.6693, 1.4207



71.4850, 17.5089, -62.6923

Rectangle

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



72.0710, 45.8140, -41.2813



78.1620, 18.1611, 55.1089



74.3800, -36.6693, 1.4207



63.4710, -8.1202, -55.6641

Sweetspot

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



72.0710, 45.8140, -41.2813



178.7820, 17.3625, -15.5948



116.9840, -2.9501, -80.6700



85.6920, 10.5048, -9.3769



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



72.0710, 45.8140, -41.2813



71.9430, 70.0341, -63.0940



45.7440, 58.7932, -4.1605



76.3740, 2.7736, -2.9590



48.8150, 47.4192, -42.8108



6.1610, 5.8366, -5.4032

Inverse Universe

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



72.9020, 2.5133, 80.7699



73.2200, 3.8355, 123.4641



144.2560, -58.7932, 4.1605



76.1470, 0.4205, 5.1331



49.6250, 2.6499, 83.6439



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 72.0710, 45.8140, -41.2813 looks on a white 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

Black Background



This preview shows how the YUV color 72.0710, 45.8140, -41.2813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

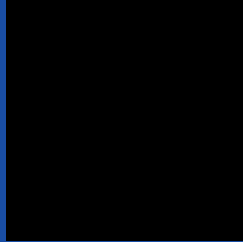
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.0710, 45.8140, -41.2813

Background



This preview shows how black text looks on a background with the YUV color 72.0710, 45.8140, -41.2813.



This preview shows how white text looks on a background with the YUV color 72.0710, 45.8140,

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

72.0710, 45.8140, -41.2813

Protanopia

69.4940, 47.5775, -46.9142

Deuteranopia

65.1370, 38.8795, -57.1251



Tritanopia

64.3610, 15.5980, -56.4446

Trichromacy



Original Color

72.0710, 45.8140, -41.2813

Protanomaly

70.3910, 47.1352, -45.0699

Deuteranomaly

67.5660, 41.6260, -51.3624

Tritanomaly

66.9670, 26.6383, -50.8371

Monochromacy



Original Color

72.0710, 45.8140, -41.2813

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.9670, 16.7783, -14.8801

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.0710, 45.8140, -41.2813 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(25, 78, 165)` looks like.

```
.text, #text, p{  
    color:rgb(25, 78, 165)  
}
```

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(25, 78, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 78, 165) }
```

Border

The CSS property to change the border of an element to YUV 72.0710, 45.8140, -41.2813 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(25, 78, 165) }
```


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

```
.border{ border-color:rgb(25, 78, 165) }
```

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

Here you see how a box with a 4 pixel rgb(25, 78, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 78, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 78, 165);  
box-shadow:4px 4px 4px 4px rgb(25, 78,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 72.0710, 45.8140, -41.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 78, 165) }
```

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

```
.background{ background-color: rgb(25, 78,  
165) }
```

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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