

Converting Colors

YUV(66.4820, 69.2754,
-53.0427)

Have a look what the booklet for
YUV(66.4820, 69.2754, -53.0427)
contains.

YUV(66.4820, 69.2754, -53.0427)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(66.4820, 69.2754,
-53.0427)**

Conversions

Conversions Part 1

Format	Color
Hex	0646CF
RGB	6, 70, 207
RGB Percent	2%, 27%, 81%
CMY	0.9765, 0.7255, 0.1882
CMYK	0.97, 0.66, 0.00, 0.19
HSL	221°, 94%, 42%
HSV	221°, 97%, 81%
XYZ	13.5277, 8.9240, 60.0410
YIQ	66.4820, -82.1210, 29.0390

Conversions

Conversions Part 2

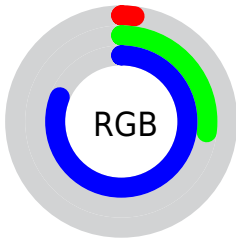
Format	Color
R _{YB}	6, 55, 207
Decimal	411343
CIE Lab	35.84, 37.62, -74.63
CIE LCh	36, 83.575, 296.750
Yxy	8.9240, 0.1640, 0.1082
Android (android.graphics.Color)	4278601423 (0xFF0646CF)
YUV	66.4820, 69.2754, -53.0427
Hunter-Lab	29.8731, 28.5540, -98.2539

Details

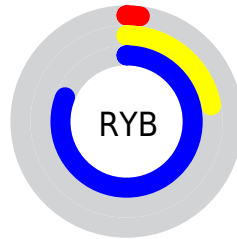
The YUV color **66.4820, 69.2754, -53.0427** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **146.5180, -69.2754, 53.0427**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.1330, 62.0524, -22.9186**, and **33.6500, 57.8535, -29.5111** is the 20% darker color. If you saturate the color by 10%, you get **62.3400, 71.3174, -54.6722**, and if you desaturate by 10%, it is **80.9790, 62.1284, -47.3396**.

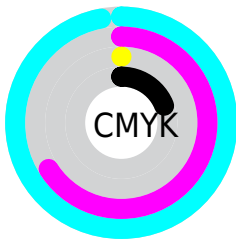
Distribution



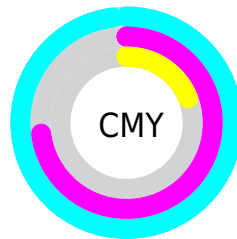
- Red (2%)
- Green (27%)
- Blue (81%)



- Red (2%)
- Yellow (22%)
- Blue (81%)



- Cyan (97%)
- Magenta (66%)
- Yellow (0%)
- Black (19%)



- Cyan (98%)
- Magenta (73%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.4820, 69.2754, -53.0427 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 66.4820, 69.2754, -53.0427 by changing the saturation by 10% instead.

■ 66.4820, 69.2754,
-53.0427

■ 66.4820, 69.2754,
-53.0427

255.0000, 0.0000,
0.0000

■ 48.5820, 64.2961,
-42.6064

■ 129.1330, 62.0524,
-22.9186

■ 33.6500, 57.8535,
-29.5111

■ 154.2620, 49.6638,
-16.0158

■ 20.5930, 50.9797,
-18.0601

■ 178.7930, 37.5701,
-10.3425

■ 11.8730, 42.9536,
-10.4126

■ 203.9110, 25.1869,
-5.1839

■ 13.7190, 29.7185,
-12.0316

■ 229.6160, 12.5143,
-0.5402

■ 8.0480, 20.6823,
-7.0581

254.4130, 0.2894,

■ 4.3660, 11.6516,

0.5148

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 66.4820, 69.2754,
-53.0427

■ 66.4820, 69.2754,
-53.0427

■ 62.3400, 71.3174,
-54.6722

■ 80.9790, 62.1284,
-47.3396

■ 95.1770, 55.1287,
-42.2512

■ 109.6740, 47.9817,
-36.5481

■ 124.1710, 40.8347,
-30.8450

■ 139.2550, 33.3983,
-25.6566

■ 153.4530, 26.3987,
-20.5683

■ 167.9500, 19.2517,
-14.8651

■ 182.4470, 12.1046,
-9.1620

■ 196.6450, 5.1050,
-4.0737

Harmonies

Analogous

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



82.2470, 68.8982, -72.1306



66.4820, 69.2754, -53.0427



63.8730, 46.8976, 78.1644

Triad

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



66.4820, 69.2754, -53.0427



71.8960, -35.4447, 75.5132



71.9460, 1.5056, -63.0966

Complementary

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



66.4820, 69.2754, -53.0427



146.5180, -69.2754, 53.0427

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.



61.6350, -30.3861, -54.0539



66.4820, 69.2754, -53.0427



79.8500, -39.3660, 26.4416

Square

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



66.4820, 69.2754, -53.0427



59.9310, -14.7560, 113.1935



68.8990, -33.9672, -25.3444



80.9860, 31.0659, -71.0247

Rectangle

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



66.4820, 69.2754, -53.0427



68.0550, 24.1299, 100.8068



68.8990, -33.9672, -25.3444



68.6230, -8.6881, -60.1824

Sweetspot

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



66.4820, 69.2754, -53.0427



203.5240, 25.3777, -19.7535



139.2630, 0.3633, -116.8717



96.3480, 15.6044, -11.7062



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.



66.4820, 69.2754, -53.0427



76.6170, 87.9428, -67.1931



38.7810, 82.9320, 0.1921



97.0150, 3.9366, -2.6442



50.8500, 57.7550, -44.5954



12.3050, 14.1466, -10.7915

Inverse Universe

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



73.3950, -1.6737, 117.1716



85.4790, -2.2081, 148.6699



173.9200, -82.7846, -0.8068



97.6310, -0.3111, 6.4626



56.3880, -1.1773, 97.8837



13.7410, -0.3653, 23.9061

Previews

White Background



This preview shows how the YUV color 66.4820, 69.2754, -53.0427 looks on a white background.

Color Contrast Check

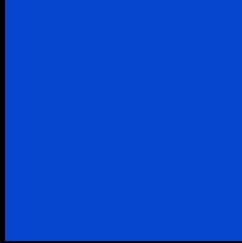
Large Text (above 18pt) WCAG AA ✓ Pass

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 66.4820, 69.2754, -53.0427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

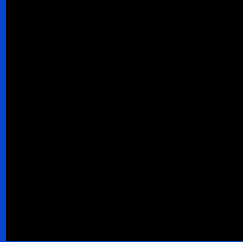
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.4820, 69.2754, -53.0427

Background



This preview shows how black text looks on a background with the YUV color 66.4820, 69.2754, -53.0427.



This preview shows how white text looks on a background with the YUV color 66.4820, 69.2754,

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

66.4820, 69.2754, -53.0427

Protanopia

67.0410, 51.2518, -58.7950

Deuteranopia

67.1260, 38.8849, -58.8695



Tritanopia

65.7630, 15.8928, -57.6742

Trichromacy



Original Color

66.4820, 69.2754, -53.0427

Protanomaly

66.7730, 57.7929, -56.8059

Deuteranomaly

66.7100, 49.9360, -56.7507

Tritanomaly

66.2250, 35.3851, -56.3253

Monochromacy



Original Color

66.4820, 69.2754, -53.0427

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.8230, 25.2303, -19.1388

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.4820, 69.2754, -53.0427 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(6, 70, 207)` looks like.

```
.text, #text, p{  
    color:rgb(6, 70, 207)  
}
```

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(6, 70, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 70, 207) }
```

Border

The CSS property to change the border of an element to YUV 66.4820, 69.2754, -53.0427 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(6, 70, 207) }
```


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

```
.border{ border-color:rgb(6, 70, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 70, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 70, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 70, 207);  
box-shadow:4px 4px 4px 4px rgb(6, 70, 207)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.4820, 69.2754, -53.0427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 70, 207) }
```

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

```
.background{ background-color: rgb(6, 70,  
207) }
```

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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