

Converting Colors

YUV(105.3340, 53.5723,
-56.4209)

Have a look what the booklet for
YUV(105.3340, 53.5723, -56.4209)
contains.

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Color

**YUV(105.3340, 53.5723,
-56.4209)**

Conversions

Conversions Part 1

Format	Color
Hex	2975D6
RGB	41, 117, 214
RGB Percent	16%, 46%, 84%
CMY	0.8392, 0.5412, 0.1608
CMYK	0.81, 0.45, 0.00, 0.16
HSL	214°, 68%, 50%
HSV	214°, 81%, 84%
XYZ	19.4133, 18.0490, 66.0789
YIQ	105.3340, -76.4330, 14.0550

Conversions

Conversions Part 2

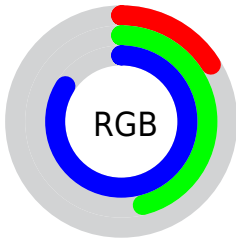
Format	Color
R_{YB}	41, 94, 214
Decimal	2717142
CIE _{Lab}	49.56, 11.89, -56.30
CIE _{LCh}	50, 57.544, 281.926
Yxy	18.0490, 0.1875, 0.1743
Android (android.graphics.Color)	4280907222 (0xFF2975D6)
YUV	105.3340, 53.5723, -56.4209
Hunter-Lab	42.4842, 7.2192, -62.4795

Details

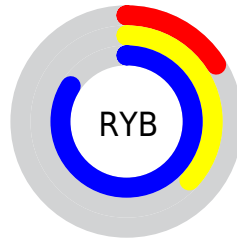
The YUV color **105.3340, 53.5723, -56.4209** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **149.6660, -53.5723, 56.4209**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.7720, 45.9614, -41.8960**, and **59.1020, 48.7567, -51.8325** is the 20% darker color. If you saturate the color by 10%, you get **92.0110, 60.1406, -63.1536**, and if you desaturate by 10%, it is **118.6570, 47.0041, -49.6882**.

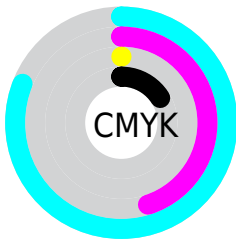
Distribution



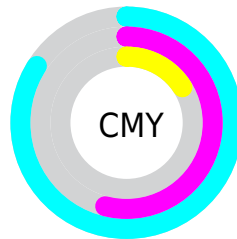
- Red (16%)
- Green (46%)
- Blue (84%)



- Red (16%)
- Yellow (37%)
- Blue (84%)



- Cyan (81%)
- Magenta (45%)
- Yellow (0%)
- Black (16%)



- Cyan (84%)
- Magenta (54%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.3340, 53.5723, -56.4209 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 105.3340, 53.5723, -56.4209 by changing the saturation by 10% instead.

■ 105.3340, 53.5723,
-56.4209

■ 105.3340, 53.5723,
-56.4209

255.0000, 0.0000,
0.0000

■ 75.7950, 54.3311,
-66.4722

■ 161.7720, 45.9614,
-41.8960

■ 59.1020, 48.7567,
-51.8325

■ 187.4770, 33.2888,
-37.2523

■ 43.2240, 43.7666,
-37.9074

■ 212.2960, 21.0531,
-32.7086

■ 29.1070, 37.9082,
-25.5268

■ 238.5880, 8.0911,
-28.5797

■ 10.9950, 34.5125,
-9.6426

■ 249.3190, 2.8007,
-11.6808

■ 9.4330, 23.4505,
-8.2727

■ 5.1640, 14.7091,

-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 105.3340, 53.5723,
-56.4209

■ 105.3340, 53.5723,
-56.4209

■ 92.0110, 60.1406,
-63.1536

■ 118.6570, 47.0041,
-49.6882

■ 79.5740, 66.2720,
-69.7864

■ 132.2790, 40.2885,
-42.3407

■ 145.6020, 33.7202,
-35.6080

■ 159.2240, 27.0046,
-28.2604

■ 172.5470, 20.4363,
-21.5277

■ 185.8700, 13.8681,
-14.7950

■ 199.4920, 7.1524,
-7.4475

■ 212.8150, 0.5842,
-0.7148

■ 226.4370, -6.1314,
6.6328

Harmonies

Analogous

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



100.9510, 54.2542, -88.5340



105.3340, 53.5723, -56.4209



121.1820, 34.4203, 20.0114

Triad

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



105.3340, 53.5723, -56.4209



113.1820, -29.1767, 71.7544



91.3970, -2.6607, -80.1552

Complementary

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



105.3340, 53.5723, -56.4209



149.6660, -53.5723, 56.4209

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.



102.7350, -31.9144, -30.4626



105.3340, 53.5723, -56.4209



112.2240, -49.9034, 46.2846

Square

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



105.3340, 53.5723, -56.4209



112.6110, -6.2172, 81.0252



108.3910, -53.4368, 12.8121



97.7980, 19.3266, -85.7688

Rectangle

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



105.3340, 53.5723, -56.4209



119.2910, 22.5345, 52.3648



108.3910, -53.4368, 12.8121



88.2850, -9.5075, -77.4259

Sweetspot

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



105.3340, 53.5723, -56.4209



216.8030, 18.8311, -19.9982



153.3810, -8.5688, -98.5581



104.6100, 11.5313, -11.9360



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.



105.3340, 53.5723, -56.4209



99.5540, 76.6349, -80.2929



63.4130, 74.2394, -11.7632



100.1890, 3.3578, -3.6738



63.5190, 52.9881, -55.7062



16.0550, 13.2839, -14.0802

Inverse Universe

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



101.3910, 7.6952, 98.7581



94.1650, 10.7647, 141.0523



191.5870, -74.2394, 11.7632



99.8590, 0.5625, 6.2627



59.6790, 7.5533, 97.6285



15.0230, 1.9607, 24.5358

Previews

White Background



This preview shows how the YUV color 105.3340, 53.5723, -56.4209 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 × Fail

Black Background



This preview shows how the YUV color 105.3340, 53.5723, -56.4209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

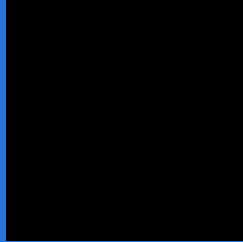
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 105.3340, 53.5723, -56.4209

Background



This preview shows how black text looks on a background with the YUV color 105.3340, 53.5723, -56.4209.



This preview shows how white text looks on a background with the YUV color 105.3340, 53.5723, -56.4209.

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

105.3340, 53.5723, -56.4209

Protanopia

111.9020, 48.8553, -36.7481

Deuteranopia

93.9070, 57.7268, -82.3564



Tritanopia

92.1560, 23.0941, -80.8208

Trichromacy



Original Color

105.3340, 53.5723, -56.4209

Protanomaly

109.3140, 50.6242, -44.1254

Deuteranomaly

97.9190, 56.2419, -72.7200

Tritanomaly

96.7840, 34.1235, -71.7246

Monochromacy



Original Color

105.3340, 53.5723, -56.4209

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.0310, 19.7047, -20.1982

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.3340, 53.5723, -56.4209 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(41, 117, 214)` looks like.

```
.text, #text, p{  
    color:rgb(41, 117, 214)  
}
```

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(41, 117, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 117, 214) }
```

Border

The CSS property to change the border of an element to YUV 105.3340, 53.5723, -56.4209 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(41, 117, 214) }
```


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

```
.border{ border-color:rgb(41, 117, 214) }
```

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

Here you see how a box with a 4 pixel rgb(41, 117, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 117, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 117, 214);  
box-shadow:4px 4px 4px 4px rgb(41, 117,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 105.3340, 53.5723, -56.4209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 117, 214) }
```

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

```
.background{ background-color: rgb(41, 117,  
214) }
```

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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