

Converting Colors

YUV(94.0890, 55.1721,
-56.2061)

Have a look what the booklet for
YUV(94.0890, 55.1721, -56.2061)
contains.

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Color

**YUV(94.0890, 55.1721,
-56.2061)**

Conversions

Conversions Part 1

Format	Color
Hex	1E69CE
RGB	30, 105, 206
RGB Percent	12%, 41%, 81%
CMY	0.8824, 0.5882, 0.1922
CMYK	0.85, 0.49, 0.00, 0.19
HSL	214°, 75%, 46%
HSV	214°, 85%, 81%
XYZ	16.7276, 14.8354, 60.3744
YIQ	94.0890, -77.1210, 15.5110

Conversions

Conversions Part 2

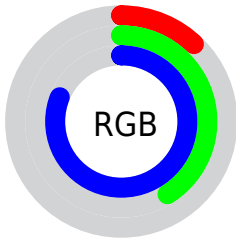
Format	Color
R_{YB}	30, 83, 206
Decimal	1993166
CIE _{Lab}	45.41, 15.51, -58.43
CIE _{LCh}	45, 60.457, 284.866
Yxy	14.8354, 0.1819, 0.1614
Android (android.graphics.Color)	4280183246 (0xFF1E69CE)
YUV	94.0890, 55.1721, -56.2061
Hunter-Lab	38.5168, 10.1171, -65.9744

Details

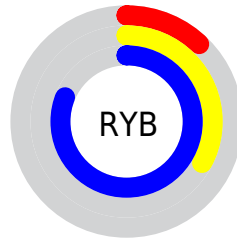
The YUV color **94.0890, 55.1721, -56.2061** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **141.9110, -55.1721, 56.2061**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.6350, 50.4659, -40.0219**, and **51.8470, 48.8824, -45.4698** is the 20% darker color. If you saturate the color by 10%, you get **80.7660, 61.7404, -62.9388**, and if you desaturate by 10%, it is **107.4120, 48.6039, -49.4733**.

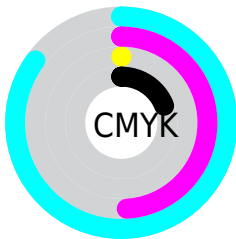
Distribution



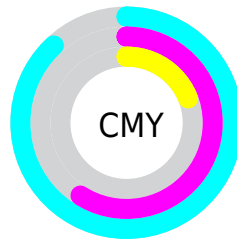
- Red (12%)
- Green (41%)
- Blue (81%)



- Red (12%)
- Yellow (33%)
- Blue (81%)



- Cyan (85%)
- Magenta (49%)
- Yellow (0%)
- Black (19%)



- Cyan (88%)
- Magenta (59%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.0890, 55.1721, -56.2061 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 94.0890, 55.1721, -56.2061 by changing the saturation by 10% instead.

■ 94.0890, 55.1721,
-56.2061

■ 94.0890, 55.1721,
-56.2061

■ 255.0000, 0.0000,
0.0000

■ 67.8390, 54.3094,
-59.4948

■ 152.6350, 50.4659,
-40.0219

■ 51.8470, 48.8824,
-45.4698

■ 177.1660, 38.3722,
-34.3486

■ 37.0290, 42.8767,
-32.4744

■ 202.8710, 25.6996,
-29.7049

■ 23.0260, 37.4552,
-20.1938

■ 228.2770, 13.1744,
-25.6759

■ 13.7190, 29.7185,
-12.0316

■ 247.5250, 3.6852,
-15.3694

■ 8.0480, 20.6823,
-7.0581

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 94.0890, 55.1721,
-56.2061

■ 94.0890, 55.1721,
-56.2061

■ 80.7660, 61.7404,
-62.9388

■ 107.4120, 48.6039,
-49.4733

■ 75.1400, 64.5140,
-65.8978

■ 120.4360, 42.1831,
-43.3554

■ 133.1720, 35.9042,
-36.1078

■ 146.1960, 29.4834,
-29.9899

■ 159.5190, 22.9151,
-23.2572

■ 172.8420, 16.3469,
-16.5244

■ 185.8660, 9.9261,
-10.4065

■ 199.1890, 3.3578,
-3.6738

■ 211.6260, -2.7736,
2.9590

Harmonies

Analogous

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



94.3970, 54.5273, -82.7862



94.0890, 55.1721, -56.2061



109.9270, 34.5460, 26.3740

Triad

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



94.0890, 55.1721, -56.2061



101.1990, -31.6501, 71.7395



84.7290, -2.8244, -74.3073

Complementary

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



94.0890, 55.1721, -56.2061



141.9110, -55.1721, 56.2061

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.



88.3210, -30.7243, -38.8695



94.0890, 55.1721, -56.2061



101.5010, -50.0400, 43.4106

Square

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



94.0890, 55.1721, -56.2061



98.8180, -6.8123, 85.2286



98.3240, -48.4737, 7.6089



91.3580, 20.0365, -80.1210

Rectangle

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



94.0890, 55.1721, -56.2061



106.5090, 21.9341, 58.3126



98.3240, -48.4737, 7.6089



81.6170, -9.6712, -71.5781

Sweetspot

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



94.0890, 55.1721, -56.2061



212.9600, 20.7257, -21.0129



144.7120, -7.2530, -100.6024



102.5390, 12.5523, -12.7507



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.



94.0890, 55.1721, -56.2061



93.0530, 79.8399, -81.6075



53.6520, 75.1076, -10.2188



95.4880, 3.2104, -3.0590



60.6010, 51.9617, -53.1471



13.7240, 11.9681, -12.0359

Inverse Universe

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



91.1740, 6.8162, 100.7024



88.6710, 10.0222, 145.8705



182.3480, -75.1076, 10.2188



95.4460, 0.2731, 5.7479



57.7280, 6.5431, 94.9545



13.1860, 1.3873, 21.7619

Previews

White Background



This preview shows how the YUV color 94.0890, 55.1721, -56.2061 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 94.0890, 55.1721, -56.2061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

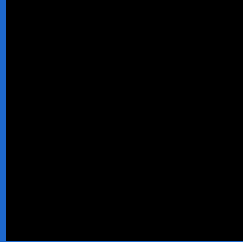
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.0890, 55.1721, -56.2061

Background



This preview shows how black text looks on a background with the YUV color 94.0890, 55.1721, -56.2061.



This preview shows how white text looks on a background with the YUV color 94.0890, 55.1721, -56.2061.

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

94.0890, 55.1721, -56.2061

Protanopia

98.6670, 51.9292, -42.6810

Deuteranopia

85.7570, 51.8848, -75.2089



Tritanopia

84.3310, 21.0358, -73.9583

Trichromacy



Original Color

94.0890, 55.1721, -56.2061

Protanomaly

97.2750, 53.1084, -47.5992

Deuteranomaly

89.0290, 52.7367, -68.4314

Tritanomaly

87.9910, 33.5284, -67.5211

Monochromacy



Original Color

94.0890, 55.1721, -56.2061

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1450, 20.1415, -20.2982

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.0890, 55.1721, -56.2061 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(30, 105, 206)` looks like.

```
.text, #text, p{  
    color:rgb(30, 105, 206)  
}
```

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(30, 105, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 105, 206) }
```

Border

The CSS property to change the border of an element to YUV 94.0890, 55.1721, -56.2061 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(30, 105, 206) }
```


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

```
.border{ border-color:rgb(30, 105, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 105, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 105, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 105, 206);  
box-shadow:4px 4px 4px 4px rgb(30, 105,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 94.0890, 55.1721, -56.2061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 105, 206) }
```

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

```
.background{ background-color: rgb(30, 105,  
206) }
```

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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