

Converting Colors

YUV(100.1350, 65.5024,
-56.2464)

Have a look what the booklet for
YUV(100.1350, 65.5024, -56.2464)
contains.

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Color

**YUV(100.1350, 65.5024,
-56.2464)**

Conversions

Conversions Part 1

Format	Color
Hex	246BE9
RGB	36, 107, 233
RGB Percent	14%, 42%, 91%
CMY	0.8588, 0.5804, 0.0863
CMYK	0.85, 0.54, 0.00, 0.09
HSL	218°, 82%, 53%
HSV	218°, 85%, 91%
XYZ	20.6932, 16.7737, 79.2378
YIQ	100.1350, -82.7620, 24.1340

Conversions

Conversions Part 2

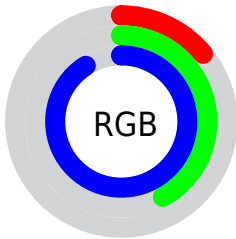
Format	Color
RYB	36, 88, 233
Decimal	2386921
CIELab	47.97, 25.04, -69.60
CIELCh	48, 73.965, 289.791
Yxy	16.7737, 0.1773, 0.1437
Android (android.graphics.Color)	4280577001 (0xFF246BE9)
YUV	100.1350, 65.5024, -56.2464
Hunter-Lab	40.9556, 18.5164, -86.0407

Details

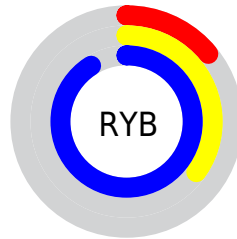
The YUV color **100.1350, 65.5024, -56.2464** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **168.8650, -65.5024, 56.2464**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.7990, 48.4131, -34.9037**, and **55.8710, 59.2236, -48.9989** is the 20% darker color. If you saturate the color by 10%, you get **84.4530, 73.2337, -62.6643**, and if you desaturate by 10%, it is **115.8170, 57.7712, -49.8285**.

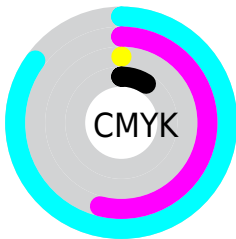
Distribution



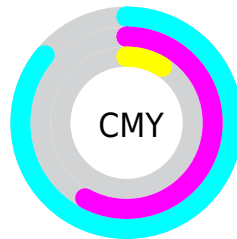
- Red (14%)
- Green (42%)
- Blue (91%)



- Red (14%)
- Yellow (35%)
- Blue (91%)



- Cyan (85%)
- Magenta (54%)
- Yellow (0%)
- Black (9%)



- Cyan (86%)
- Magenta (58%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.1350, 65.5024, -56.2464 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 100.1350, 65.5024, -56.2464 by changing the saturation by 10% instead.

■ 100.1350, 65.5024,
-56.2464

■ 100.1350, 65.5024,
-56.2464

■ 255.0000, 0.0000,
0.0000

■ 71.9770, 65.0873,
-63.1238

■ 156.7990, 48.4131,
-34.9037

■ 55.8710, 59.2236,
-48.9989

■ 181.6290, 36.1719,
-28.6156

■ 41.0530, 53.2179,
-36.0035

■ 207.3340, 23.4993,
-23.9719

■ 27.4090, 46.6334,
-24.0377

■ 233.0390, 10.8268,
-19.3282

■ 12.8190, 41.5012,
-11.2423

■ 251.4120, 1.7689,
-7.3773

■ 12.9040, 29.1343,
-11.3168

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 100.1350, 65.5024,
-56.2464

■ 100.1350, 65.5024,
-56.2464

■ 84.4530, 73.2337,
-62.6643

■ 115.8170, 57.7712,
-49.8285

■ 75.8700, 77.4651,
-66.5380

■ 131.7980, 49.8926,
-42.7958

■ 147.4800, 42.1614,
-36.3780

■ 163.1620, 34.4301,
-29.9601

■ 179.1430, 26.5515,
-22.9274

■ 194.2380, 19.1097,
-15.9947

■ 209.9200, 11.3784,
-9.5768

■ 225.6020, 3.6472,
-3.1590

■ 241.5830, -4.2314,
3.8737

Harmonies

Analogous

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



102.2680, 66.9159, -89.6890



100.1350, 65.5024, -56.2464



114.5300, 40.1647, 44.2622

Triad

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



100.1350, 65.5024, -56.2464



102.9650, -46.8177, 83.3457



91.8530, -0.9135, -80.5551

Complementary

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



100.1350, 65.5024, -56.2464



168.8650, -65.5024, 56.2464

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.



80.5960, -31.3528, -70.6827



100.1350, 65.5024, -56.2464



107.6920, -53.0922, 42.3661

Square

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



100.1350, 65.5024, -56.2464



93.2280, -8.4934, 111.1790



101.8020, -50.1884, -2.4574



99.8500, 27.1890, -87.5684

Rectangle

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



100.1350, 65.5024, -56.2464



104.5260, 26.3627, 84.6077



101.8020, -50.1884, -2.4574



88.7580, -10.2337, -77.8408

Sweetspot

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



100.1350, 65.5024, -56.2464



211.7970, 21.2991, -18.2390



165.8890, -2.4103, -113.9127



101.6640, 12.9836, -11.1063



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.



100.1350, 65.5024, -56.2464



83.0740, 84.7595, -72.8559



66.2320, 82.2166, -3.7115



109.6020, 3.6472, -3.1590



58.7890, 60.2500, -51.5580



17.3090, 18.0887, -15.1800

Inverse Universe

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



102.9970, 1.9735, 114.0126



86.7330, 2.5966, 147.5702



202.7680, -82.2166, 3.7115



109.7450, 0.1257, 6.3626



61.5290, 1.7112, 104.7761



18.3120, 0.3392, 31.2984

Previews

White Background



This preview shows how the YUV color 100.1350, 65.5024, -56.2464 looks on a white background.

Color Contrast Check

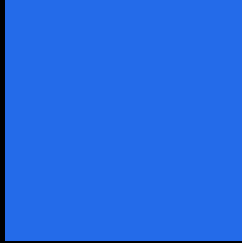
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.1350, 65.5024, -56.2464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

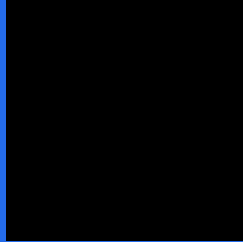
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

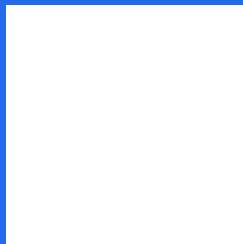
Any Text WCAG AAA × Fail

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

YUV 100.1350, 65.5024, -56.2464 Background



This preview shows how black text looks on a background with the YUV color 100.1350, 65.5024, -56.2464.



This preview shows how white text looks on a background with the YUV color 100.1350, 65.5024, -56.2464.

-56.2464.

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

100.1350, 65.5024, -56.2464

Protanopia

90.4310, 69.7935, -79.3080

Deuteranopia

90.8920, 53.7902, -79.7123



Tritanopia

89.2380, 22.0677, -78.2617

Trichromacy



Original Color

100.1350, 65.5024, -56.2464

Protanomaly

93.7310, 68.1666, -70.8011

Deuteranomaly

94.3860, 57.9837, -71.3755

Tritanomaly

93.1200, 37.9018, -70.2652

Monochromacy



Original Color

100.1350, 65.5024, -56.2464

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.3560, 23.4885, -20.4832

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.1350, 65.5024, -56.2464 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(36, 107, 233)` looks like.

```
.text, #text, p{  
    color:rgb(36, 107, 233)  
}
```

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(36, 107, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 107, 233) }
```

Border

The CSS property to change the border of an element to YUV 100.1350, 65.5024, -56.2464 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(36, 107, 233) }
```


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

```
.border{ border-color:rgb(36, 107, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 107, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 107, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 107, 233);  
box-shadow:4px 4px 4px 4px rgb(36, 107,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 100.1350, 65.5024, -56.2464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 107, 233) }
```

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

```
.background{ background-color: rgb(36, 107,  
233) }
```

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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