

Converting Colors

YUV(113.1240, -25.2041,
-36.0657)

Have a look what the booklet for
YUV(113.1240, -25.2041, -36.0657)
contains.

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Color

**YUV(113.1240, -25.2041,
-36.0657)**

Conversions

Conversions Part 1

Format	Color
Hex	48903E
RGB	72, 144, 62
RGB Percent	28%, 56%, 24%
CMY	0.7176, 0.4353, 0.7569
CMYK	0.50, 0.00, 0.57, 0.44
HSL	113°, 40%, 40%
HSV	113°, 57%, 56%
XYZ	13.5152, 21.6720, 8.0282
YIQ	113.1240, -16.5900, -40.7660

Conversions

Conversions Part 2

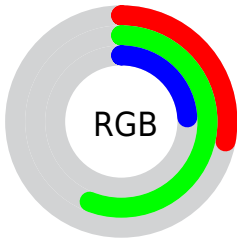
Format	Color
RYB	62, 144, 134
Decimal	4755518
CIELab	53.68, -39.36, 36.27
CIElCh	54, 53.520, 137.340
Yxy	21.6720, 0.3127, 0.5015
Android (android.graphics.Color)	4282945598 (0xFF48903E)
YUV	113.1240, -25.2041, -36.0657
Hunter-Lab	46.5532, -29.6464, 22.3626

Details

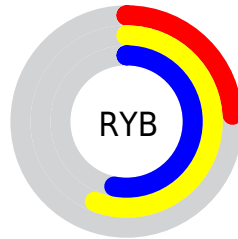
The YUV color **113.1240, -25.2041, -36.0657** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **92.8760, 25.2041, 36.0657**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.6680, -26.9513, -35.6658**, and **58.6500, -22.9984, -43.5431** is the 20% darker color. If you saturate the color by 10%, you get **107.6410, -29.4030, -42.6582**, and if you desaturate by 10%, it is **118.6070, -21.0053, -29.4733**.

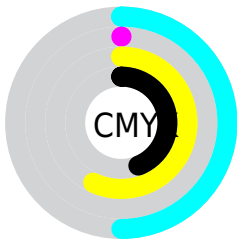
Distribution



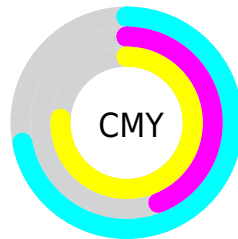
- Red (28%)
- Green (56%)
- Blue (24%)



- Red (24%)
- Yellow (56%)
- Blue (53%)



- Cyan (50%)
- Magenta (0%)
- Yellow (57%)
- Black (44%)



- Cyan (72%)
- Magenta (44%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.1240, -25.2041, -36.0657 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 113.1240, -25.2041, -36.0657 by changing the saturation by 10% instead.

■ 113.1240,
-25.2041, -36.0657

■ 113.1240,
-25.2041, -36.0657

■ 255.0000, 0.0000,
0.0000

■ 86.7540, -24.0357,
-37.4953

■ 166.6680,
-26.9513, -35.6658

■ 58.6500, -22.9984,
-43.5431

■ 194.7280,
-27.9669, -36.5955

■ 39.9160, -19.6786,
-35.0063

■ 222.6140,
-28.4037, -36.4955

■ 26.4150, -13.0226,
-23.1660

■ 234.3630,
-20.8850, -21.3664

■ 12.3270, -6.0772,
-10.8108

■ 246.3400,
-12.4926, -6.4372

■ 0.0000, 0.0000,
0.0000

■ 254.3160, -2.6208,

0.5999

■ 113.1240,
-25.2041, -36.0657

■ 113.1240,
-25.2041, -36.0657

■ 107.6410,
-29.4030, -42.6582

■ 118.6070,
-21.0053, -29.4733

■ 102.3430,
-34.1861, -48.5358

■ 123.9050,
-16.2222, -23.5957

■ 96.8600, -38.3850,
-55.1282

■ 129.3880,
-12.0233, -17.0033

■ 91.2630, -43.0207,
-61.6207

■ 134.9850, -7.3876,
-10.5108

■ 89.9100, -44.3256,
-63.0651

■ 140.1690, -3.0413,
-4.5332

■ 145.6520, 1.1576,
2.0592

■ 151.2490, 5.7932,
8.5516

■ 156.4330, 10.1395,
14.5293

■ 162.0300, 14.7752,
21.0217

Harmonies

Analogous

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



120.0510, -44.3951, 6.0943



113.1240, -25.2041, -36.0657



99.5470, 3.1813, -87.3027

Triad

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



113.1240, -25.2041, -36.0657



106.4450, 54.9966, -93.3523



125.6120, -11.1477, 75.7623

Complementary

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



113.1240, -25.2041, -36.0657



92.8760, 25.2041, 36.0657

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.



129.1540, 10.2771, 63.8859



113.1240, -25.2041, -36.0657



125.0340, 45.3392, -28.9708

Square

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



113.1240, -25.2041, -36.0657



108.5190, 42.6351, -95.1712



131.8580, 29.1570, 28.1885



125.2690, -31.1916, 64.6621

Rectangle

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



113.1240, -25.2041, -36.0657



103.8960, 17.3063, -91.1168



131.8580, 29.1570, 28.1885



126.2620, -3.5802, 75.1922

Sweetspot

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



113.1240, -25.2041, -36.0657



174.0940, -9.4133, -14.1144



128.1950, -32.6341, 13.8610



87.0500, -5.9406, -7.9368



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



113.1240, -25.2041, -36.0657



138.4470, -38.6744, -55.6430



113.5540, -10.6261, -45.2129



68.4080, -2.1731, -2.9888



84.0290, -41.4263, -59.6614



4.9950, -2.4625, -3.5036

Inverse Universe

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



92.8760, 25.2041, 36.0657



107.5530, 38.6744, 55.6430



92.4460, 10.6261, 45.2129



66.8910, 2.0257, 3.6036



50.9710, 41.4263, 59.6614



3.0050, 2.4625, 3.5036

Previews

White Background



This preview shows how the YUV color 113.1240, -25.2041, -36.0657 looks on a white 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

Black Background



This preview shows how the YUV color 113.1240, -25.2041, -36.0657 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 113.1240, -25.2041, -36.0657 Background



This preview shows how black text looks on a background with the YUV color 113.1240, -25.2041, -36.0657.



This preview shows how white text looks on a background with the YUV color 113.1240, -25.2041, -36.0657.

-36.0657.

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

113.1240, -25.2041, -36.0657

Protanopia

124.0920, -33.0764, 15.7053

Deuteranopia

126.0100, -28.5989, 26.3012



Tritanopia

122.5000, 11.5855, -29.3795

Trichromacy



Original Color

113.1240, -25.2041, -36.0657

Protanomaly

120.3670, -30.2539, -2.9529

Deuteranomaly

121.2090, -27.2180, 3.3247

Tritanomaly

118.9330, -1.9390, -31.5132

Monochromacy



Original Color

113.1240, -25.2041, -36.0657

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8060, -9.2714, -12.9849

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.1240, -25.2041, -36.0657 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(72, 144, 62)` looks like.

```
.text, #text, p{  
    color:rgb(72, 144, 62)  
}
```

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(72, 144, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 144, 62) }
```

Border

The CSS property to change the border of an element to YUV 113.1240, -25.2041, -36.0657 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(72, 144, 62) }
```


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

```
.border{ border-color:rgb(72, 144, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 144, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 144, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 144, 62);  
box-shadow:4px 4px 4px 4px rgb(72, 144,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 113.1240, -25.2041, -36.0657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 144, 62) }
```

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

```
.background{ background-color: rgb(72, 144,  
62) }
```

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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