

Converting Colors

YUV(93.6360, -4.7505, -16.3438)

Have a look what the booklet for
YUV(93.6360, -4.7505, -16.3438)
contains.

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Color

**YUV(93.6360, -4.7505,
-16.3438)**

Conversions

Conversions Part 1

Format	Color
Hex	4B6954
RGB	75, 105, 84
RGB Percent	29%, 41%, 33%
CMY	0.7059, 0.5882, 0.6706
CMYK	0.29, 0.00, 0.20, 0.59
HSL	138°, 17%, 35%
HSV	138°, 29%, 41%
XYZ	9.5535, 12.2391, 10.2464
YIQ	93.6360, -11.1390, -12.8910

Conversions

Conversions Part 2

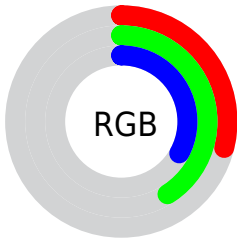
Format	Color
R_{YB}	75, 98, 105
Decimal	4942164
CIE _{Lab}	41.59, -15.77, 8.33
CIE _{LCh}	42, 17.837, 152.163
Yxy	12.2391, 0.2982, 0.3820
Android (android.graphics.Color)	4283132244 (0xFF4B6954)
YUV	93.6360, -4.7505, -16.3438
Hunter-Lab	34.9844, -12.4784, 7.1240

Details

The YUV color $93.6360, -4.7505, -16.3438$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $86.3640, 4.7505, 16.3438$, and the grayscale version is $94.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $144.2230, -5.0399, -16.8586$, and $47.1630, -4.0244, -15.9290$ is the 20% darker color. If you saturate the color by 10%, you get $89.8480, -6.3341, -21.7917$, and if you desaturate by 10%, it is $97.7230, -3.3144, -10.2811$.

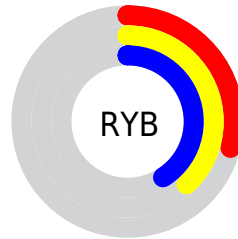
Distribution



Red (29%)

Green (41%)

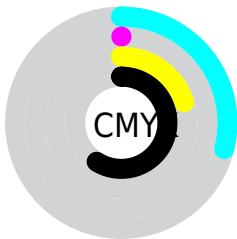
Blue (33%)



Red (29%)

Yellow (38%)

Blue (41%)

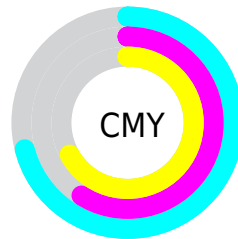


Cyan (29%)

Magenta (0%)

Yellow (20%)

Black (59%)



Cyan (71%)

Magenta (59%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.6360, -4.7505, -16.3438 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 93.6360, -4.7505, -16.3438 by changing the saturation by 10% instead.

■ 93.6360, -4.7505,
-16.3438

■ 93.6360, -4.7505,
-16.3438

255.0000, 0.0000,
0.0000

■ 70.0490, -4.4612,
-15.8290

■ 144.2230, -5.0399,
-16.8586

■ 47.1630, -4.0244,
-15.9290

■ 170.8100, -5.3293,
-17.3734

■ 25.6900, -3.2982,
-15.5141

■ 198.3970, -5.6187,
-17.8882

■ 6.4570, -3.1833,
-5.6628

■ 225.9840, -5.9081,
-18.4030

■ 0.0000, 0.0000,
0.0000

■ 247.0540, -1.9986,
-12.3254

■ 93.6360, -4.7505,
-16.3438

■ 93.6360, -4.7505,
-16.3438

■ 89.8480, -6.3341,
-21.7917

■ 97.7230, -3.3144,
-10.2811

■ 85.6470, -8.2070,
-27.7544

■ 101.6250, -1.2941,
-4.9331

■ 81.5600, -9.6431,
-33.8171

■ 105.4130, 0.2894,
0.5148

■ 77.7720, -11.2266,
-39.2650

■ 109.5000, 1.7255,
6.5775

■ 73.8700, -13.2469,
-44.6130

■ 113.7010, 3.5984,
12.5402

■ 69.7830, -14.6830,
-50.6757

■ 117.4890, 5.1819,
17.9881

■ 65.9950, -16.2665,
-56.1236

■ 121.5760, 6.6180,
24.0508

■ 65.2830, -16.4085,

■ 125.4780, 8.6383,

-57.2532

29.3988

■ 129.5650, 10.0745,
35.4615

Harmonies

Analogous

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



95.7040, -11.1931, -3.2484



93.6360, -4.7505, -16.3438



91.4480, 3.7231, -27.5799

Triad

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



93.6360, -4.7505, -16.3438



96.8100, 14.8837, -13.8654



99.6780, -8.2223, 23.9614

Complementary

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



93.6360, -4.7505, -16.3438



86.3640, 4.7505, 16.3438

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.



100.2140, -1.0915, 23.4913



93.6360, -4.7505, -16.3438



99.6980, 11.4879, 2.0189

Square

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



93.6360, -4.7505, -16.3438



93.1350, 15.2164, -27.3054



100.2930, 5.7716, 15.5290



98.7930, -12.7159, 18.5985

Rectangle

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



93.6360, -4.7505, -16.3438



91.0930, 8.8282, -31.6536



100.2930, 5.7716, 15.5290



99.9600, -5.8963, 24.5911

Sweetspot

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



93.6360, -4.7505, -16.3438



133.0870, -2.0149, -7.0923



98.8890, -11.7773, -2.5337



66.0380, -1.0047, -4.4183



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



93.6360, -4.7505, -16.3438



120.1850, -7.4862, -25.5952



95.3460, 1.8014, -17.8434



51.7500, -0.8628, -3.2887



72.6690, -18.5708, -63.7307



152.1370, -39.0145, -133.4241

Inverse Universe

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



86.3640, 4.7505, 16.3438



108.8150, 7.4862, 25.5952



84.6540, -1.8014, 17.8434



50.2500, 0.8628, 3.2887



44.3310, 18.5708, 63.7307



92.7490, 38.5777, 133.5241

Previews

White Background



This preview shows how the YUV color 93.6360, -4.7505, -16.3438 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 93.6360, -4.7505, -16.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

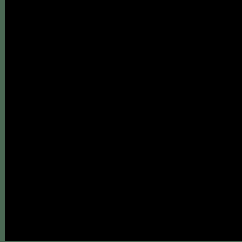
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.6360, -4.7505, -16.3438

Background



This preview shows how black text looks on a background with the YUV color 93.6360, -4.7505, -16.3438.



This preview shows how white text looks on a background with the YUV color 93.6360, -4.7505, -16.3438.

-16.3438.

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

93.6360, -4.7505, -16.3438

Protanopia

97.4430, -8.5994, 4.8735

Deuteranopia

98.1710, -6.0003, 11.2510



Tritanopia

96.3340, 6.7373, -14.3249

Trichromacy



Original Color

93.6360, -4.7505, -16.3438

Protanomaly

96.3280, -7.5567, -2.9187

Deuteranomaly

96.5180, -5.6784, 1.2997

Tritanomaly

95.2970, 2.8116, -15.1695

Monochromacy



Original Color

93.6360, -4.7505, -16.3438

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.7990, -1.8729, -5.9627

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.6360, -4.7505, -16.3438 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(75, 105, 84)` looks like.

```
.text, #text, p{  
  color:rgb(75, 105, 84)  
}
```

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(75, 105, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 105, 84) }
```

Border

The CSS property to change the border of an element to YUV 93.6360, -4.7505, -16.3438 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(75, 105, 84) }
```


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

```
.border{ border-color:rgb(75, 105, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 105, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 105, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 105, 84);  
box-shadow:4px 4px 4px 4px rgb(75, 105,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 93.6360, -4.7505, -16.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 105, 84) }
```

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

```
.background{ background-color: rgb(75, 105,  
84) }
```

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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