

Converting Colors

YUV(46.3460, 58.9894,
-20.4744)

Have a look what the booklet for
YUV(46.3460, 58.9894, -20.4744)
contains.

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Color

**YUV(46.3460, 58.9894,
-20.4744)**

Conversions

Conversions Part 1

Format	Color
Hex	1723A6
RGB	23, 35, 166
RGB Percent	9%, 14%, 65%
CMY	0.9098, 0.8627, 0.3490
CMYK	0.86, 0.79, 0.00, 0.35
HSL	235°, 76%, 37%
HSV	235°, 86%, 65%
XYZ	7.8373, 4.1374, 36.4619
YIQ	46.3460, -49.2030, 38.1970

Conversions

Conversions Part 2

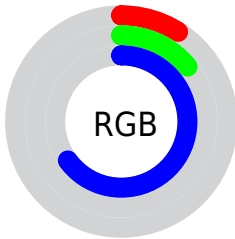
Format	Color
R_{YB}	23, 34, 166
Decimal	1516454
CIE _{Lab}	24.12, 44.69, -69.71
CIE _{LCh}	24, 82.809, 302.665
Y _{xy}	4.1374, 0.1618, 0.0854
Android (android.graphics.Color)	4279706534 (0xFF1723A6)
YUV	46.3460, 58.9894, -20.4744
Hunter-Lab	20.3406, 33.1808, -92.0430

Details

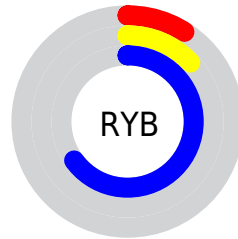
The YUV color **46.3460, 58.9894, -20.4744** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **142.6540, -58.9894, 20.4744**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.0430, 58.6458, -3.5457**, and **12.8820, 49.3582, -11.2975** is the 20% darker color. If you saturate the color by 10%, you get **32.4580, 65.8362, -23.2037**, and if you desaturate by 10%, it is **60.2340, 52.1426, -17.7452**.

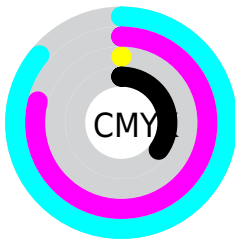
Distribution



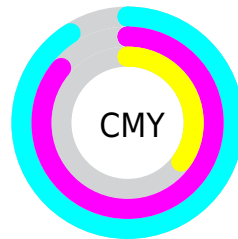
- Red (9%)
- Green (14%)
- Blue (65%)



- Red (9%)
- Yellow (13%)
- Blue (65%)



- Cyan (86%)
- Magenta (79%)
- Yellow (0%)
- Black (35%)



- Cyan (91%)
- Magenta (86%)
- Yellow (35%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.3460, 58.9894, -20.4744 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 46.3460, 58.9894, -20.4744 by changing the saturation by 10% instead.

■ 46.3460, 58.9894,
-20.4744

■ 46.3460, 58.9894,
-20.4744

■ 255.0000, 0.0000,
0.0000

■ 22.8900, 57.2422,
-20.0745

■ 103.0430, 58.6458,
-3.5457

■ 12.8820, 49.3582,
-11.2975

■ 129.9940, 59.6560,
-0.8717

■ 9.9180, 38.0014,
-8.6981

■ 154.0950, 49.7462,
4.3017

■ 10.7040, 25.7819,
-9.3874

■ 178.9140, 37.5104,
8.8454

■ 6.3210, 16.6037,
-5.5435

■ 203.7330, 25.2746,
13.3892

■ 2.5250, 7.1362,
-2.2144

■ 229.1390, 12.7495,

■ 0.0000, 0.0000,

17.4181

0.0000

247.3690, 3.7621,
6.6924

46.3460, 58.9894,
-20.4744

46.3460, 58.9894,
-20.4744

32.4580, 65.8362,
-23.2037

60.2340, 52.1426,
-17.7452

27.1420, 68.4570,
-23.8035

73.8230, 45.4433,
-15.6308

88.2980, 38.3071,
-13.4163

101.8870, 31.6077,
-11.3019

115.7750, 24.7609,
-8.5727

■ 129.6630, 17.9141,
-5.8435

■ 143.2520, 11.2148,
-3.7290

■ 157.7270, 4.0786,
-1.5146

■ 171.3160, -2.6208,
0.5999

Harmonies

Analogous

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



60.6470, 62.2920, -53.1874



46.3460, 58.9894, -20.4744



52.0940, 31.5057, 68.3236

Triad

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



46.3460, 58.9894, -20.4744



47.5870, -23.4604, 58.2442



52.2670, 4.7984, -45.8382

Complementary

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



46.3460, 58.9894, -20.4744



142.6540, -58.9894, 20.4744

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.



44.0250, -21.7043, -38.6099



46.3460, 58.9894, -20.4744



54.0790, -26.6609, 11.3317

Square

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



46.3460, 58.9894, -20.4744



43.6540, -21.5214, 89.7574



41.0900, -20.2574, -36.0359



60.6230, 31.7379, -53.1664

Rectangle

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



46.3460, 58.9894, -20.4744



53.8130, 10.9382, 85.2330



41.0900, -20.2574, -36.0359



49.7590, -4.8112, -43.6386

Sweetspot

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



46.3460, 58.9894, -20.4744



169.4330, 23.4505, -8.2727



121.6470, 14.9640, -86.5134



81.6370, 13.9830, -4.9436



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



46.3460, 58.9894, -20.4744



35.3040, 89.5761, -30.9616



56.3450, 54.0599, 20.7454



76.9120, 3.4944, -0.7998



23.9160, 61.1734, -20.9743



3.4540, 8.1572, -3.0292

Inverse Universe

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



67.1250, -15.8376, 86.7134



66.9350, -24.1250, 131.6070



132.6550, -54.0599, -20.7454



78.3920, -1.1793, 4.9182



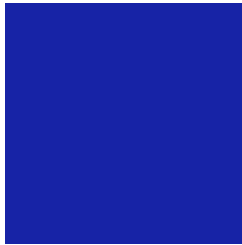
45.6200, -16.5747, 89.7873



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 46.3460, 58.9894, -20.4744 looks on a white background.

Color Contrast Check

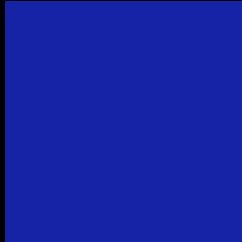
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 46.3460, 58.9894, -20.4744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

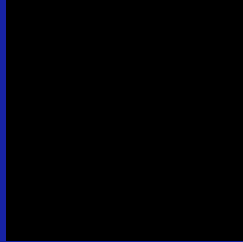
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.3460, 58.9894, -20.4744

Background



This preview shows how black text looks on a background with the YUV color 46.3460, 58.9894, -20.4744.



This preview shows how white text looks on a background with the YUV color 46.3460, 58.9894, -20.4744.

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

46.3460, 58.9894, -20.4744

Protanopia

46.2100, 34.8995, -40.5262

Deuteranopia

46.6200, 26.3163, -40.8857



Tritanopia

45.2060, 10.7444, -39.6457

Trichromacy



Original Color

46.3460, 58.9894, -20.4744

Protanomaly

45.9580, 43.8977, -33.2892

Deuteranomaly

46.4650, 38.2248, -33.7338

Tritanomaly

45.2450, 28.4732, -32.6639

Monochromacy



Original Color

46.3460, 58.9894, -20.4744

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.2760, 21.5559, -7.2581

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.3460, 58.9894, -20.4744 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(23, 35, 166)` looks like.

```
.text, #text, p{  
    color:rgb(23, 35, 166)  
}
```

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(23, 35, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 35, 166) }
```

Border

The CSS property to change the border of an element to YUV 46.3460, 58.9894, -20.4744 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(23, 35, 166) }
```


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

```
.border{ border-color:rgb(23, 35, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 35, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 35, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 35, 166);  
box-shadow:4px 4px 4px 4px rgb(23, 35,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 46.3460, 58.9894, -20.4744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 35, 166) }
```

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

```
.background{ background-color: rgb(23, 35,  
166) }
```

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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