

Converting Colors

YUV(86.6390, 20.8840,
-25.1164)

Have a look what the booklet for
YUV(86.6390, 20.8840, -25.1164)
contains.

YUV(86.6390, 20.8840, -25.1164)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(86.6390, 20.8840,
-25.1164)**

Conversions

Conversions Part 1

Format	Color
Hex	3A5D81
RGB	58, 93, 129
RGB Percent	23%, 36%, 51%
CMY	0.7725, 0.6353, 0.4941
CMYK	0.55, 0.28, 0.00, 0.49
HSL	210°, 38%, 37%
HSV	210°, 55%, 51%
XYZ	9.6217, 10.3132, 22.2524
YIQ	86.6390, -32.4160, 3.7760

Conversions

Conversions Part 2

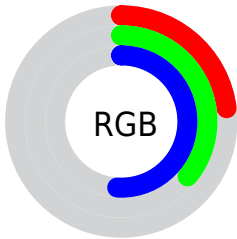
Format	Color
R _Y B	58, 81, 129
Decimal	3825025
CIE Lab	38.40, -1.45, -24.02
CIE LCh	38, 24.059, 266.546
Yxy	10.3132, 0.2281, 0.2445
Android (android.graphics.Color)	4282015105 (0xFF3A5D81)
YUV	86.6390, 20.8840, -25.1164
Hunter-Lab	32.1142, -2.7196, -18.6030

Details

The YUV color **86.6390, 20.8840, -25.1164** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **100.3610, -20.8840, 25.1164**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.5790, 21.8996, -24.1868**, and **36.7090, 21.3425, -32.1938** is the 20% darker color. If you saturate the color by 10%, you get **78.6430, 24.8260, -29.5049**, and if you desaturate by 10%, it is **94.6350, 16.9419, -20.7279**.

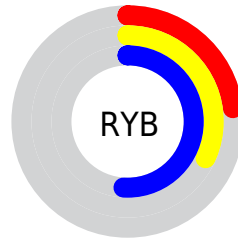
Distribution



Red (23%)

Green (36%)

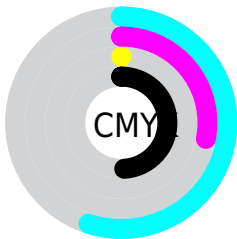
Blue (51%)



Red (23%)

Yellow (32%)

Blue (51%)

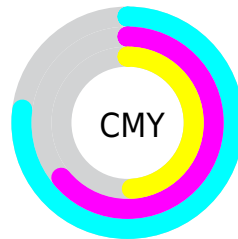


Cyan (55%)

Magenta (28%)

Yellow (0%)

Black (49%)



Cyan (77%)

Magenta (64%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.6390, 20.8840, -25.1164 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 86.6390, 20.8840, -25.1164 by changing the saturation by 10% instead.

■ 86.6390, 20.8840,
-25.1164

■ 86.6390, 20.8840,
-25.1164

■ 255.0000, 0.0000,
0.0000

■ 62.2150, 20.6000,
-27.3756

■ 137.5790, 21.8996,
-24.1868

■ 36.7090, 21.3425,
-32.1938

■ 164.6930, 22.3364,
-24.2868

■ 22.2330, 16.6471,
-19.4983

■ 191.8070, 22.7731,
-24.3867

■ 5.1640, 14.7091,
-4.5288

■ 218.5530, 17.9684,
-23.2870

■ 1.1400, 4.3680,
-0.9998

■ 243.3610, 5.7380,
-20.4876

■ 0.0000, 0.0000,
0.0000

■ 253.2060, 0.8844,

-3.6887

■ 86.6390, 20.8840,
-25.1164

■ 86.6390, 20.8840,
-25.1164

■ 78.6430, 24.8260,
-29.5049

■ 94.6350, 16.9419,
-20.7279

■ 71.2340, 28.4786,
-34.4082

■ 102.0440, 13.2893,
-15.8246

■ 63.2380, 32.4207,
-38.7967

■ 110.0400, 9.3473,
-11.4361

■ 55.8290, 36.0733,
-43.7000

■ 117.4490, 5.6946,
-6.5328

■ 52.2740, 37.8259,
-45.8443

■ 125.1460, 1.9000,
-2.7590

■ 132.5550, -1.7526,
2.1443

■ 140.5510, -5.6946,
6.5328

■ 147.9600, -9.3473,
11.4361

■ 155.9560,
-13.2893, 15.8246

Harmonies

Analogous

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



78.0120, 21.6861, -49.1225



86.6390, 20.8840, -25.1164



91.3430, 16.5929, -2.0548

Triad

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



86.6390, 20.8840, -25.1164



91.3200, -8.5388, 32.1684



84.4030, -8.0867, -19.6474

Complementary

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



86.6390, 20.8840, -25.1164



100.3610, -20.8840, 25.1164

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.



86.8630, -15.7085, -1.6339



86.6390, 20.8840, -25.1164



90.7400, -15.6478, 25.6610

Square

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



86.6390, 20.8840, -25.1164



92.3010, 0.3446, 29.5540



88.8650, -18.6674, 14.1504



79.9690, 3.4663, -38.5608

Rectangle

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



86.6390, 20.8840, -25.1164



92.5790, 12.0396, 11.7702



88.8650, -18.6674, 14.1504



85.0510, -10.8711, -13.1997

Sweetspot

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



86.6390, 20.8840, -25.1164



151.4100, 8.1789, -10.0066



103.7810, -4.8220, -40.1499



74.2210, 4.8210, -6.3328



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



86.6390, 20.8840, -25.1164



101.9390, 32.5681, -39.4115



66.0940, 31.0127, -7.0984



60.1460, 1.9000, -2.7590



51.5730, 37.6785, -45.2295



0.0000, 0.0000, 0.0000

Inverse Universe

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



83.2190, 4.8220, 40.1499



96.4590, 7.6617, 62.7415



120.9060, -31.0127, 7.0984



59.5490, 0.7153, 3.9035



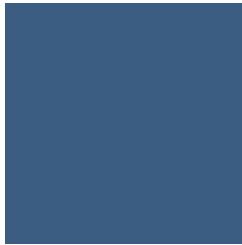
45.4540, 8.6502, 72.3928



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 86.6390, 20.8840, -25.1164 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 86.6390, 20.8840, -25.1164 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

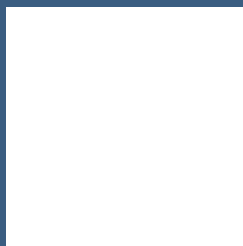
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 86.6390, 20.8840, -25.1164

Background



This preview shows how black text looks on a background with the YUV color 86.6390, 20.8840, -25.1164.



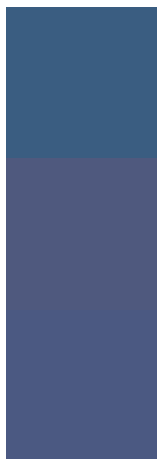
This preview shows how white text looks on a background with the YUV color 86.6390, 20.8840,

-25.1164.

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

86.6390, 20.8840, -25.1164

Protanopia

90.2280, 17.6356, -9.8470

Deuteranopia

89.4880, 19.9724, -12.7060



Tritanopia

83.5600, 10.5699, -30.3091

Trichromacy



Original Color

86.6390, 20.8840, -25.1164

Protanomaly

88.5370, 18.9623, -15.3799

Deuteranomaly

88.2810, 20.5675, -16.9094

Tritanomaly

84.8960, 14.3483, -28.8498

Monochromacy



Original Color

86.6390, 20.8840, -25.1164

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.5950, 7.5947, -9.2918

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.6390, 20.8840, -25.1164 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(58, 93, 129)` looks like.

```
.text, #text, p{  
    color:rgb(58, 93, 129)  
}
```

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(58, 93, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 93, 129) }
```

Border

The CSS property to change the border of an element to YUV 86.6390, 20.8840, -25.1164 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(58, 93, 129) }
```


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

```
.border{ border-color:rgb(58, 93, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 93, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 93, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 93, 129);  
box-shadow:4px 4px 4px 4px rgb(58, 93,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 86.6390, 20.8840, -25.1164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 93, 129) }
```

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

```
.background{ background-color: rgb(58, 93,  
129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor