

Converting Colors

YUV(75.6020, 20.4092,
-12.8060)

Have a look what the booklet for
YUV(75.6020, 20.4092, -12.8060)
contains.

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Color

**YUV(75.6020, 20.4092,
-12.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	3D4B75
RGB	61, 75, 117
RGB Percent	24%, 29%, 46%
CMY	0.7608, 0.7059, 0.5412
CMYK	0.48, 0.36, 0.00, 0.54
HSL	225°, 31%, 35%
HSV	225°, 48%, 46%
XYZ	7.6514, 7.3086, 17.8370
YIQ	75.6020, -21.8260, 10.0940

Conversions

Conversions Part 2

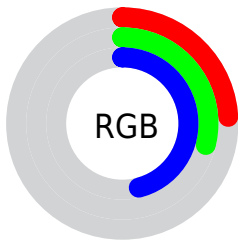
Format	Color
R _Y B	61, 72, 117
Decimal	4017013
CIE Lab	32.50, 6.84, -25.81
CIE LCh	32, 26.706, 284.848
Yxy	7.3086, 0.2333, 0.2228
Android (android.graphics.Color)	4282207093 (0xFF3D4B75)
YUV	75.6020, 20.4092, -12.8060
Hunter-Lab	27.0344, 3.2098, -20.1948

Details

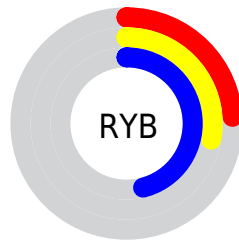
The YUV color **75.6020, 20.4092, -12.8060** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **102.3980, -20.4092, 12.8060**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.5420, 21.4248, -11.8763**, and **28.9280, 19.2625, -18.3539** is the 20% darker color. If you saturate the color by 10%, you get **66.7310, 24.7826, -15.5501**, and if you desaturate by 10%, it is **84.4730, 16.0358, -10.0618**.

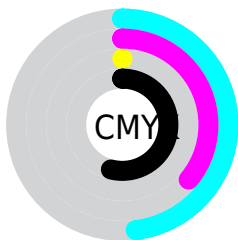
Distribution



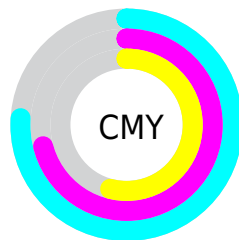
- Red (24%)
- Green (29%)
- Blue (46%)



- Red (24%)
- Yellow (28%)
- Blue (46%)



- Cyan (48%)
- Magenta (36%)
- Yellow (0%)
- Black (54%)



- Cyan (76%)
- Magenta (71%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.6020, 20.4092, -12.8060 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 75.6020, 20.4092, -12.8060 by changing the saturation by 10% instead.

■ 75.6020, 20.4092,
-12.8060

■ 75.6020, 20.4092,
-12.8060

■ 255.0000, 0.0000,
0.0000

■ 52.3630, 19.5410,
-14.3504

■ 125.5420, 21.4248,
-11.8763

■ 28.9280, 19.2625,
-18.3539

■ 151.1830, 22.5878,
-11.5615

■ 9.3530, 18.0670,
-8.2026

■ 178.2970, 23.0246,
-11.6615

■ 3.4370, 10.6306,
-3.0142

■ 205.4110, 23.4614,
-11.7614

■ 0.0000, 0.0000,
0.0000

■ 230.7460, 11.9572,
-8.5472

■ 253.2060, 0.8844,

-3.6887

■ 75.6020, 20.4092,
-12.8060

■ 75.6020, 20.4092,
-12.8060

■ 66.7310, 24.7826,
-15.5501

■ 84.4730, 16.0358,
-10.0618

■ 58.1590, 29.0086,
-17.6794

■ 93.0450, 11.8098,
-7.9325

■ 49.8750, 33.0926,
-20.9384

■ 101.3290, 7.7258,
-4.6735

■ 41.0040, 37.4660,
-23.6825

■ 110.2000, 3.3524,
-1.9294

■ 32.4320, 41.6920,
-25.8119

■ 119.0710, -1.0210,
0.8147

■ 30.3610, 42.7130,
-26.6266

■ 127.6430, -5.2470,
2.9441

■ 135.9270, -9.3310,
6.2030

■ 144.7980,
-13.7044, 8.9472

■ 153.3700,
-17.9304, 11.0765

Harmonies

Analogous

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



63.5650, 26.3435, -49.6075



75.6020, 20.4092, -12.8060



78.9210, 13.3499, 11.4703

Triad

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



75.6020, 20.4092, -12.8060



76.5280, -14.0643, 31.1089



65.3560, -0.1755, -37.1462

Complementary

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



75.6020, 20.4092, -12.8060



102.3980, -20.4092, 12.8060

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.



70.9970, -12.3235, -14.0294



75.6020, 20.4092, -12.8060



75.5560, -19.9941, 19.6834

Square

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



75.6020, 20.4092, -12.8060



76.9550, -4.9078, 34.2425



73.8700, -19.6559, 4.4990



60.9870, 12.8244, -53.4856

Rectangle

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



75.6020, 20.4092, -12.8060



78.6190, 8.0758, 23.1361



73.8700, -19.6559, 4.4990



67.8580, -4.8600, -27.9395

Sweetspot

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



75.6020, 20.4092, -12.8060



137.3290, 7.7258, -4.6735



98.6600, 2.1396, -33.0278



66.9440, 4.9576, -3.4589



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



75.6020, 20.4092, -12.8060



88.8320, 31.6348, -20.0237



71.5700, 22.3970, 3.0081



54.2710, 2.3314, -1.1147



32.1050, 44.3182, -28.1561



64.8940, 91.2573, -56.9120

Inverse Universe

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



79.3400, -2.1396, 33.0278



94.5210, -3.2149, 51.2861



106.4300, -22.3970, -3.0081



54.9080, -0.4476, 3.5887



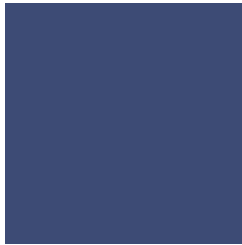
40.0120, -4.4429, 71.9035



81.8180, -9.7703, 147.4956

Previews

White Background



This preview shows how the YUV color 75.6020, 20.4092, -12.8060 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 75.6020, 20.4092, -12.8060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

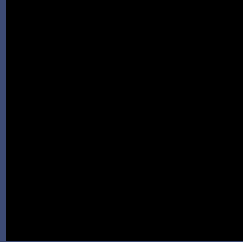
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.6020, 20.4092, -12.8060

Background



This preview shows how black text looks on a background with the YUV color 75.6020, 20.4092, -12.8060.



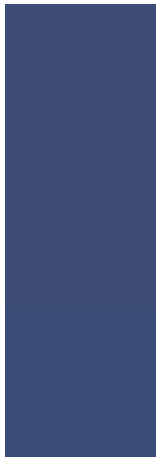
This preview shows how white text looks on a background with the YUV color 75.6020, 20.4092,

-12.8060.

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

75.6020, 20.4092, -12.8060

Protanopia

75.6020, 20.4092, -12.8060

Deuteranopia

74.6940, 20.8569, -16.3946



Tritanopia

73.1270, 7.3324, -18.5284

Trichromacy



Original Color

75.6020, 20.4092, -12.8060

Protanomaly

75.6020, 20.4092, -12.8060

Deuteranomaly

75.2920, 20.5620, -15.1651

Tritanomaly

74.1040, 12.2737, -16.7542

Monochromacy



Original Color

75.6020, 20.4092, -12.8060

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.2150, 7.2890, -4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.6020, 20.4092, -12.8060 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(61, 75, 117)` looks like.

```
.text, #text, p{  
    color:rgb(61, 75, 117)  
}
```

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(61, 75, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 75, 117) }
```

Border

The CSS property to change the border of an element to YUV 75.6020, 20.4092, -12.8060 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(61, 75, 117) }
```


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

```
.border{ border-color:rgb(61, 75, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 75, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 75, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 75, 117);  
box-shadow:4px 4px 4px 4px rgb(61, 75,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 75.6020, 20.4092, -12.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 75, 117) }
```

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

```
.background{ background-color: rgb(61, 75,  
117) }
```

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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