

Converting Colors

YUV(90.6020, 20.4092,
-12.8060)

Have a look what the booklet for
YUV(90.6020, 20.4092, -12.8060)
contains.

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Color

**YUV(90.6020, 20.4092,
-12.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	4C5A84
RGB	76, 90, 132
RGB Percent	30%, 35%, 52%
CMY	0.7020, 0.6471, 0.4824
CMYK	0.42, 0.32, 0.00, 0.48
HSL	225°, 27%, 41%
HSV	225°, 42%, 52%
XYZ	10.8015, 10.5148, 23.2900
YIQ	90.6020, -21.8260, 10.0940

Conversions

Conversions Part 2

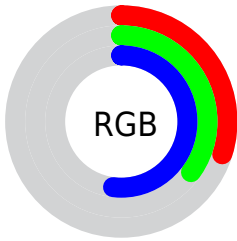
Format	Color
R_{YB}	76, 87, 132
Decimal	5003908
CIE Lab	38.75, 6.19, -25.21
CIE LCh	39, 25.961, 283.800
Yxy	10.5148, 0.2422, 0.2357
Android (android.graphics.Color)	4283193988 (0xFF4C5A84)
YUV	90.6020, 20.4092, -12.8060
Hunter-Lab	32.4265, 2.7134, -19.8860

Details

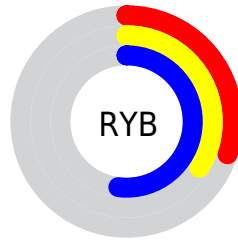
The YUV color $90.6020, 20.4092, -12.8060$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $117.3980, -20.4092, 12.8060$, and the grayscale version is $90.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $141.2430, 21.5722, -12.4911$, and $43.5370, 18.9623, -15.3799$ is the 20% darker color. If you saturate the color by 10%, you get $80.8450, 25.2194, -15.6501$, and if you desaturate by 10%, it is $100.3590, 15.5990, -9.9618$.

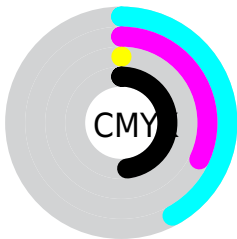
Distribution



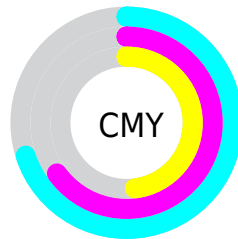
- Red (30%)
- Green (35%)
- Blue (52%)



- Red (30%)
- Yellow (34%)
- Blue (52%)



- Cyan (42%)
- Magenta (32%)
- Yellow (0%)
- Black (48%)



- Cyan (70%)
- Magenta (65%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.6020, 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 90.6020, 20.4092, -12.8060 by changing the saturation by 10% instead.

■ 90.6020, 20.4092,
-12.8060

■ 90.6020, 20.4092,
-12.8060

■ 255.0000, 0.0000,
0.0000

■ 66.7760, 19.8304,
-13.8356

■ 141.2430, 21.5722,
-12.4911

■ 43.5370, 18.9623,
-15.3799

■ 167.7700, 22.2984,
-12.0763

■ 20.8140, 18.8257,
-18.2539

■ 194.8840, 22.7352,
-12.1763

■ 5.3920, 15.5827,
-4.7288

■ 221.2880, 16.6200,
-10.7766

■ 2.1830, 5.8258,
-1.9145

■ 246.9820, 3.9529,
-7.8772

■ 0.0000, 0.0000,
0.0000

■ 90.6020, 20.4092,
-12.8060

■ 90.6020, 20.4092,
-12.8060

■ 80.8450, 25.2194,
-15.6501

■ 100.3590, 15.5990,
-9.9618

■ 71.0880, 30.0296,
-18.4942

■ 110.1160, 10.7888,
-7.1177

■ 61.0320, 34.9872,
-21.9531

■ 120.1720, 5.8312,
-3.6588

■ 51.2750, 39.7974,
-24.7972

■ 129.9290, 1.0210,
-0.8147

■ 42.1050, 44.3182,
-28.1561

■ 139.6860, -3.7892,
2.0294

■ 34.4190, 48.1074,
-30.1855

■ 148.8560, -8.3100,
5.3883

■ 158.6130,
-13.1202, 8.2324

■ 168.6690,

-18.0778, 11.6913

■ 178.4260,
-22.8880, 14.5354

Harmonies

Analogous

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



82.6370, 23.8430, -40.9006



90.6020, 20.4092, -12.8060



93.7360, 13.9342, 10.7555

Triad

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



90.6020, 20.4092, -12.8060



91.8270, -14.2117, 31.7237



82.0360, -1.4967, -33.3576

Complementary

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



90.6020, 20.4092, -12.8060



117.3980, -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.



85.8940, -12.7657, -12.1850



90.6020, 20.4092, -12.8060



90.6810, -19.5627, 21.3278

Square

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



90.6020, 20.4092, -12.8060



92.8410, -5.3446, 34.3424



88.6960, -19.0771, 5.5286



71.3880, 14.5987, -62.6073

Rectangle

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



90.6020, 20.4092, -12.8060



94.2060, 7.7864, 22.6213



88.6960, -19.0771, 5.5286



83.6410, -5.7390, -25.9952

Sweetspot

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



90.6020, 20.4092, -12.8060



154.4430, 8.1626, -4.7735



113.6600, 2.1396, -33.0278



76.3570, 5.2470, -2.9441



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



90.6020, 20.4092, -12.8060



106.2450, 31.9242, -19.5089



86.5700, 22.3970, 3.0081



61.2710, 2.3314, -1.1147



34.1910, 47.2338, -29.9855



0.9290, 1.0210, -0.8147

Inverse Universe

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



94.3400, -2.1396, 33.0278



112.4070, -3.6517, 51.3861



121.4300, -22.3970, -3.0081



61.9080, -0.4476, 3.5887



42.6320, -4.7486, 76.6217



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 90.6020, 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 × Fail

Black Background



This preview shows how the YUV color 90.6020, 20.4092, -12.8060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

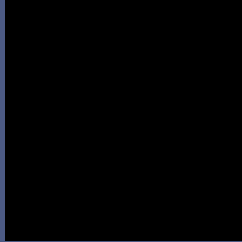
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

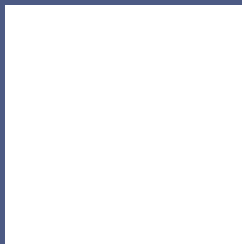
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 90.6020, 20.4092, -12.8060

Background



This preview shows how black text looks on a background with the YUV color 90.6020, 20.4092, -12.8060.



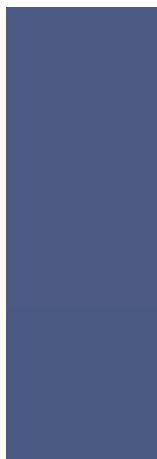
This preview shows how white text looks on a background with the YUV color 90.6020, 20.4092,

-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

90.6020, 20.4092, -12.8060

Protanopia

90.9010, 20.2618, -12.1912

Deuteranopia

90.3030, 20.5566, -13.4207



Tritanopia

88.4260, 7.1850, -17.9136

Trichromacy



Original Color

90.6020, 20.4092, -12.8060

Protanomaly

90.9010, 20.2618, -12.1912

Deuteranomaly

90.3030, 20.5566, -13.4207

Tritanomaly

89.4030, 12.1263, -16.1394

Monochromacy



Original Color

90.6020, 20.4092, -12.8060

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.2150, 7.2890, -4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.6020, 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(76, 90, 132)` looks like.

```
.text, #text, p{  
    color:rgb(76, 90, 132)  
}
```

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(76, 90, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 90, 132) }
```

Border

The CSS property to change the border of an element to YUV 90.6020, 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(76, 90, 132) }
```


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

```
.border{ border-color:rgb(76, 90, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 90, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 90, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 90, 132);  
box-shadow:4px 4px 4px 4px rgb(76, 90,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 90.6020, 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(76, 90, 132) }
```

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

```
.background{ background-color: rgb(76, 90,  
132) }
```

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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