

Converting Colors

YUV(90.2150, 20.6000,
-27.3756)

Have a look what the booklet for
YUV(90.2150, 20.6000, -27.3756)
contains.

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Color

**YUV(90.2150, 20.6000,
-27.3756)**

Conversions

Conversions Part 1

Format	Color
Hex	3B6284
RGB	59, 98, 132
RGB Percent	23%, 38%, 52%
CMY	0.7686, 0.6157, 0.4824
CMYK	0.55, 0.26, 0.00, 0.48
HSL	208°, 38%, 37%
HSV	208°, 55%, 52%
XYZ	10.3362, 11.3311, 23.4721
YIQ	90.2150, -34.1580, 2.3060

Conversions

Conversions Part 2

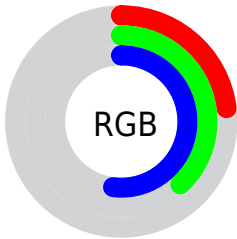
Format	Color
R_{YB}	59, 84, 132
Decimal	3891844
CIE _{Lab}	40.13, -3.29, -23.14
CIE _{LCh}	40, 23.373, 261.902
Yxy	11.3311, 0.2290, 0.2510
Android (android.graphics.Color)	4282081924 (0xFF3B6284)
YUV	90.2150, 20.6000, -27.3756
Hunter-Lab	33.6617, -4.0978, -17.7794

Details

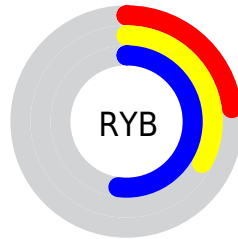
The YUV color **90.2150, 20.6000, -27.3756** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **100.7850, -20.6000, 27.3756**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.7420, 21.3262, -26.9607**, and **39.8720, 20.7691, -34.9677** is the 20% darker color. If you saturate the color by 10%, you get **82.8060, 24.2526, -32.2789**, and if you desaturate by 10%, it is **97.6240, 16.9474, -22.4722**.

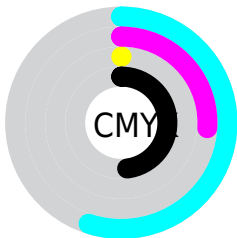
Distribution



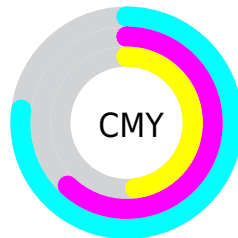
- Red (23%)
- Green (38%)
- Blue (52%)



- Red (23%)
- Yellow (33%)
- Blue (52%)



- Cyan (55%)
- Magenta (26%)
- Yellow (0%)
- Black (48%)



- Cyan (77%)
- Magenta (62%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.2150, 20.6000, -27.3756 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 90.2150, 20.6000, -27.3756 by changing the saturation by 10% instead.

■ 90.2150, 20.6000,
-27.3756

■ 90.2150, 20.6000,
-27.3756

■ 255.0000, 0.0000,
0.0000

■ 65.2040, 20.6054,
-29.1199

■ 141.7420, 21.3262,
-26.9607

■ 39.8720, 20.7691,
-34.9677

■ 168.2690, 22.0524,
-26.5459

■ 24.9230, 16.8000,
-21.8575

■ 196.2690, 22.0524,
-26.5459

■ 6.0930, 15.7302,
-5.3436

■ 222.6730, 15.9372,
-25.1462

■ 2.1830, 5.8258,
-1.9145

■ 245.1330, 4.8644,
-20.2876

■ 0.0000, 0.0000,
0.0000

■ 253.8040, 0.5896,

-2.4591

■ 90.2150, 20.6000,
-27.3756

■ 90.2150, 20.6000,
-27.3756

■ 82.8060, 24.2526,
-32.2789

■ 97.6240, 16.9474,
-22.4722

■ 75.3970, 27.9053,
-37.1822

■ 105.0330, 13.2947,
-17.5689

■ 67.6890, 31.7053,
-42.7003

■ 112.7410, 9.4947,
-12.0509

■ 59.6930, 35.6474,
-47.0888

■ 120.7370, 5.5527,
-7.6623

■ 56.7250, 37.1106,
-49.7478

■ 128.1460, 1.9000,
-2.7590

■ 135.5550, -1.7526,
2.1443

■ 142.9640, -5.4053,
7.0476

■ 150.6720, -9.2053,
12.5657

■ 158.0810,
-12.8579, 17.4690

Harmonies

Analogous

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



83.2680, 20.0809, -47.5930



90.2150, 20.6000, -27.3756



95.7340, 16.8931, -5.0287

Triad

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



90.2150, 20.6000, -27.3756



96.2490, -7.5178, 31.3536



89.0830, -9.4079, -15.8588

Complementary

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



90.2150, 20.6000, -27.3756



100.7850, -20.6000, 27.3756

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.



92.0590, -16.2981, 0.8253



90.2150, 20.6000, -27.3756



94.9790, -14.7796, 27.2054

Square

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



90.2150, 20.6000, -27.3756



96.7460, 2.0972, 27.4098



93.9900, -18.2361, 15.7948



85.8340, 1.5608, -34.0574

Rectangle

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



90.2150, 20.6000, -27.3756



97.0840, 12.7766, 8.6963



93.9900, -18.2361, 15.7948



90.4320, -12.0450, -10.0259

Sweetspot

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



90.2150, 20.6000, -27.3756



154.1110, 8.3263, -10.6213



105.6130, -6.7112, -40.8796



76.9220, 4.9685, -6.9476



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.



90.2150, 20.6000, -27.3756



106.1020, 31.9947, -42.1855



69.6700, 30.7287, -9.3576



62.4450, 1.7526, -2.1443



55.3230, 36.8158, -48.5183



0.9290, 1.0210, -0.8147

Inverse Universe

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



85.2730, 6.2744, 40.9796



98.6270, 9.5509, 63.4711



121.3300, -30.7287, 9.3576



62.1360, 0.4260, 3.3887



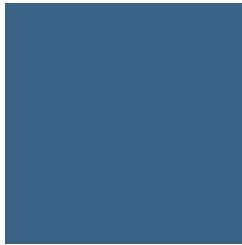
46.7360, 10.9762, 73.0225



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 90.2150, 20.6000, -27.3756 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 90.2150, 20.6000, -27.3756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

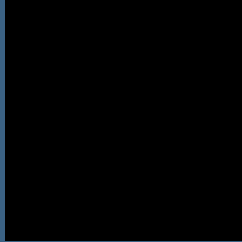
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

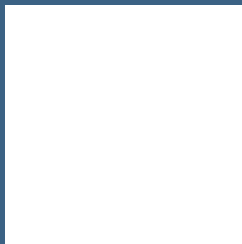
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 90.2150, 20.6000, -27.3756

Background



This preview shows how black text looks on a background with the YUV color 90.2150, 20.6000, -27.3756.

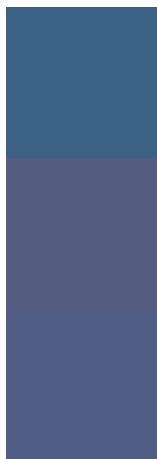


This preview shows how white text looks on a background with the YUV color 90.2150, 20.6000,

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

90.2150, 20.6000, -27.3756

Protanopia

94.2990, 16.6146, -9.0322

Deuteranopia

93.6730, 19.3882, -11.9912



Tritanopia

87.6630, 11.0121, -32.1535

Trichromacy



Original Color

90.2150, 20.6000, -27.3756

Protanomaly

92.8960, 17.7993, -15.6948

Deuteranomaly

92.4550, 19.9887, -17.9390

Tritanomaly

88.8850, 14.3537, -30.5941

Monochromacy



Original Color

90.2150, 20.6000, -27.3756

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.1820, 7.3053, -9.8066

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.2150, 20.6000, -27.3756 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(59, 98, 132)` looks like.

```
.text, #text, p{  
    color:rgb(59, 98, 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(59, 98, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 98, 132) }
```

Border

The CSS property to change the border of an element to YUV 90.2150, 20.6000, -27.3756 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(59, 98, 132) }
```


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

```
.border{ border-color:rgb(59, 98, 132) }
```

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

Here you see how a box with a 4 pixel rgb(59, 98, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 98, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 98, 132);  
box-shadow:4px 4px 4px 4px rgb(59, 98,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 90.2150, 20.6000, -27.3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 98, 132) }
```

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

```
.background{ background-color: rgb(59, 98,  
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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