

Converting Colors

YUV(59.6210, 8.0748, -23.3466)

Have a look what the booklet for
YUV(59.6210, 8.0748, -23.3466)
contains.

YUV(59.6210, 8.0748, -23.3466)	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(59.6210, 8.0748,
-23.3466)**

Conversions

Conversions Part 1

Format	Color
Hex	21464C
RGB	33, 70, 76
RGB Percent	13%, 27%, 30%
CMY	0.8706, 0.7255, 0.7020
CMYK	0.57, 0.08, 0.00, 0.70
HSL	188°, 39%, 21%
HSV	188°, 57%, 30%
XYZ	4.1219, 5.2255, 7.6288
YIQ	59.6210, -23.9780, -5.9780

Conversions

Conversions Part 2

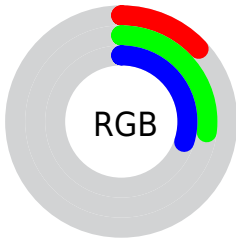
Format	Color
R_YB	33, 53, 76
Decimal	2180684
CIE Lab	27.37, -11.26, -7.68
CIE LCh	27, 13.632, 214.286
Yxy	5.2255, 0.2428, 0.3078
Android (android.graphics.Color)	4280370764 (0xFF21464C)
YUV	59.6210, 8.0748, -23.3466
Hunter-Lab	22.8593, -7.8175, -3.7854

Details

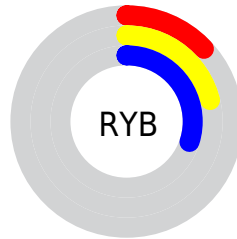
The YUV color **59.6210, 8.0748, -23.3466** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **49.3790, -8.0748, 23.3466**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.0340, 8.3642, -22.8318**, and **19.4970, 6.1640, -17.0989** is the 20% darker color. If you saturate the color by 10%, you get **56.6420, 9.5435, -27.7500**, and if you desaturate by 10%, it is **62.6000, 6.6062, -18.9432**.

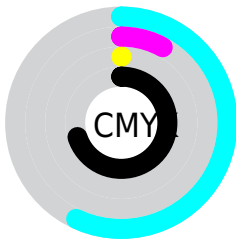
Distribution



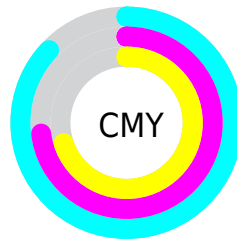
- Red (13%)
- Green (27%)
- Blue (30%)



- Red (13%)
- Yellow (21%)
- Blue (30%)



- Cyan (57%)
- Magenta (8%)
- Yellow (0%)
- Black (70%)



- Cyan (87%)
- Magenta (73%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.6210, 8.0748, -23.3466 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 59.6210, 8.0748, -23.3466 by changing the saturation by 10% instead.

■ 59.6210, 8.0748,
-23.3466

■ 59.6210, 8.0748,
-23.3466

■ 255.0000, 0.0000,
0.0000

■ 36.3110, 8.2277,
-25.7057

■ 108.0340, 8.3642,
-22.8318

■ 19.4970, 6.1640,
-17.0989

■ 133.7350, 8.5116,
-23.4466

■ 0.9120, 3.4944,
-0.7998

■ 160.3220, 8.2223,
-23.9614

■ 0.0000, 0.0000,
0.0000

■ 187.1370, 8.8065,
-24.6761

■ 215.1370, 8.8065,
-24.6761

■ 243.0400, 5.8963,

-24.5911

251.4120, 1.7689,
-7.3773

59.6210, 8.0748,
-23.3466

59.6210, 8.0748,
-23.3466

56.6420, 9.5435,
-27.7500

62.6000, 6.6062,
-18.9432

53.9620, 10.8647,
-31.5387

65.2800, 5.2850,
-15.1546

50.9830, 12.3334,
-35.9421

68.2590, 3.8163,
-10.7511

48.3030, 13.6546,
-39.7307

70.9390, 2.4951,
-6.9625

46.8190, 14.3862,
-41.0603

73.9180, 1.0264,
-2.5591

■ 76.8970, -0.4422,
1.8443

■ 79.5770, -1.7635,
5.6330

■ 82.5560, -3.2321,
10.0364

■ 85.8230, -4.8427,
13.3102

Harmonies

Analogous

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



59.6770, 3.1172, -19.8877



59.6210, 8.0748, -23.3466



61.3380, 10.6794, -18.7134

Triad

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



59.6210, 8.0748, -23.3466



66.1030, 3.8932, 11.3107



63.8130, -9.7678, 6.3030

Complementary

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



59.6210, 8.0748, -23.3466



49.3790, -8.0748, 23.3466

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.



64.9710, -9.3527, 13.1804



59.6210, 8.0748, -23.3466



66.0560, -1.5066, 16.6139

Square

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



59.6210, 8.0748, -23.3466



65.4870, 8.1409, 2.2039



65.5030, -6.1640, 17.0989



62.9150, -7.8461, -3.4335

Rectangle

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



59.6210, 8.0748, -23.3466



63.0830, 10.8051, -12.3508



65.5030, -6.1640, 17.0989



64.1230, -9.9206, 8.6621

Sweetspot

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



59.6210, 8.0748, -23.3466



93.0420, 2.9373, -8.8068



58.9250, -9.8230, -22.7362



47.4230, 1.7635, -5.6330



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



59.6210, 8.0748, -23.3466



73.6840, 12.4808, -36.5569



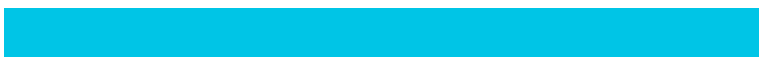
47.2940, 14.1521, -12.5358



36.8040, 0.5896, -2.4591



63.2840, 19.0870, -55.5001



141.8590, 43.4535, -124.4103

Inverse Universe

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



50.0750, 9.8230, 22.7362



58.6450, 15.4580, 35.3913



61.7060, -14.1521, 12.5358



35.6520, 1.1576, 2.0592



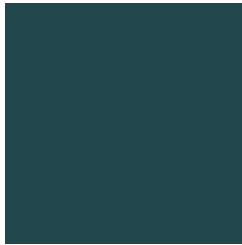
40.5300, 23.4027, 53.9092



91.2280, 52.1456, 121.7030

Previews

White Background



This preview shows how the YUV color 59.6210, 8.0748, -23.3466 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 59.6210, 8.0748, -23.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

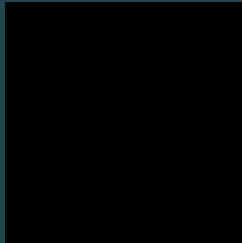
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

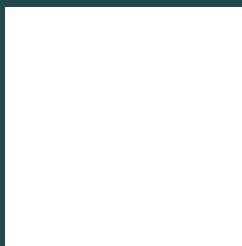
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 59.6210, 8.0748, -23.3466

Background



This preview shows how black text looks on a background with the YUV color 59.6210, 8.0748, -23.3466.



This preview shows how white text looks on a background with the YUV color 59.6210, 8.0748, -23.3466.

-23.3466.

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

59.6210, 8.0748, -23.3466

Protanopia

64.6130, 3.6418, -1.4146

Deuteranopia

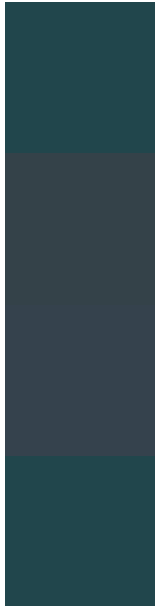
65.0090, 6.4046, -0.8849



Tritanopia

59.6210, 8.0748, -23.3466

Trichromacy



Original Color

59.6210, 8.0748, -23.3466

Protanomaly

62.6120, 5.1213, -9.3067

Deuteranomaly

63.3670, 6.7211, -9.0919

Tritanomaly

59.6210, 8.0748, -23.3466

Monochromacy



Original Color

59.6210, 8.0748, -23.3466

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.0420, 2.9373, -8.8068

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.6210, 8.0748, -23.3466 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(33, 70, 76)` looks like.

```
.text, #text, p{  
    color:rgb(33, 70, 76)  
}
```

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(33, 70, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 70, 76) }
```

Border

The CSS property to change the border of an element to YUV 59.6210, 8.0748, -23.3466 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(33, 70, 76) }
```


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

```
.border{ border-color:rgb(33, 70, 76) }
```

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

Here you see how a box with a 4 pixel rgb(33, 70, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 70, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 70, 76);  
box-shadow:4px 4px 4px 4px rgb(33, 70, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.6210, 8.0748, -23.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 70, 76) }
```

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

```
.background{ background-color: rgb(33, 70,  
76) }
```

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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