

Converting Colors

YUV(57.1710, 24.0727,
-21.1980)

Have a look what the booklet for
YUV(57.1710, 24.0727, -21.1980)
contains.

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Color

**YUV(57.1710, 24.0727,
-21.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	213C6A
RGB	33, 60, 106
RGB Percent	13%, 24%, 42%
CMY	0.8706, 0.7647, 0.5843
CMYK	0.69, 0.43, 0.00, 0.58
HSL	218°, 53%, 27%
HSV	218°, 69%, 42%
XYZ	4.8446, 4.5957, 14.2674
YIQ	57.1710, -30.8580, 8.5820

Conversions

Conversions Part 2

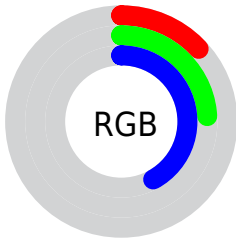
Format	Color
R_{YB}	33, 53, 106
Decimal	2178154
CIE Lab	25.55, 6.29, -29.95
CIE LCh	26, 30.599, 281.862
Yxy	4.5957, 0.2043, 0.1938
Android (android.graphics.Color)	4280368234 (0xFF213C6A)
YUV	57.1710, 24.0727, -21.1980
Hunter-Lab	21.4375, 2.8229, -24.4533

Details

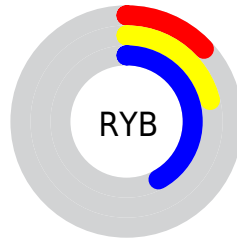
The YUV color **57.1710, 24.0727, -21.1980** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **81.8290, -24.0727, 21.1980**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.5350, 25.3722, -18.0092**, and **17.1780, 20.1252, -15.0651** is the 20% darker color. If you saturate the color by 10%, you get **49.7730, 27.7199, -24.3569**, and if you desaturate by 10%, it is **64.5690, 20.4255, -18.0390**.

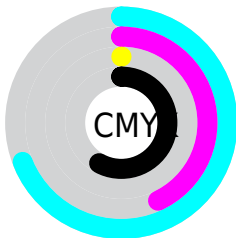
Distribution



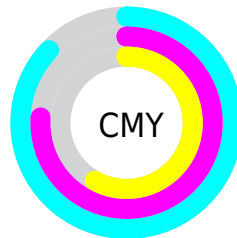
- Red (13%)
- Green (24%)
- Blue (42%)



- Red (13%)
- Yellow (21%)
- Blue (42%)



- Cyan (69%)
- Magenta (43%)
- Yellow (0%)
- Black (58%)



- Cyan (87%)
- Magenta (76%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.1710, 24.0727, -21.1980 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 57.1710, 24.0727, -21.1980 by changing the saturation by 10% instead.

■ 57.1710, 24.0727,
-21.1980

■ 57.1710, 24.0727,
-21.1980

■ 255.0000, 0.0000,
0.0000

■ 32.2410, 24.5312,
-28.2754

■ 106.5350, 25.3722,
-18.0092

■ 17.1780, 20.1252,
-15.0651

■ 132.0620, 26.0984,
-17.5944

■ 5.2780, 15.1459,
-4.6288

■ 158.5890, 26.8246,
-17.1796

■ 1.3680, 5.2416,
-1.1997

■ 185.7030, 27.2614,
-17.2795

■ 0.0000, 0.0000,
0.0000

■ 212.1070, 21.1462,
-15.8798

■ 237.2140, 8.7685,

-12.4657

254.1030, 0.4422,
-1.8443

■ 57.1710, 24.0727,
-21.1980

■ 57.1710, 24.0727,
-21.1980

■ 49.7730, 27.7199,
-24.3569

■ 64.5690, 20.4255,
-18.0390

■ 43.2610, 30.9303,
-27.4159

■ 71.0810, 17.2151,
-14.9800

■ 35.8630, 34.5775,
-30.5749

■ 78.4790, 13.5679,
-11.8211

■ 34.9770, 35.0143,
-30.6748

■ 85.5780, 10.0680,
-9.2769

■ 92.3890, 6.7102,
-5.6032

■ 99.7870, 3.0630,
-2.4442

■ 106.8860, -0.4368,
0.1000

■ 113.6970, -3.7946,
3.7737

■ 120.7960, -7.2944,
6.3179

Harmonies

Analogous

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



51.1850, 26.0378, -44.8892



57.1710, 24.0727, -21.1980



62.3060, 16.1181, 10.2556

Triad

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



57.1710, 24.0727, -21.1980



59.2510, -13.9277, 33.9829



46.8070, -0.8909, -41.0497

Complementary

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



57.1710, 24.0727, -21.1980



81.8290, -24.0727, 21.1980

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.



54.3130, -14.9443, -13.4295



57.1710, 24.0727, -21.1980



58.4100, -21.8941, 22.4424

Square

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



57.1710, 24.0727, -21.1980



59.6180, -3.7557, 38.0460



56.7840, -22.5715, 6.3284



50.1300, 9.3029, -43.9640

Rectangle

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



57.1710, 24.0727, -21.1980



62.2000, 10.2544, 24.3806



56.7840, -22.5715, 6.3284



48.7110, -5.2805, -33.0725

Sweetspot

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



57.1710, 24.0727, -21.1980



118.1760, 9.7732, -8.0474



80.9810, -1.4696, -42.0793



57.4600, 5.6892, -4.7884



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



57.1710, 24.0727, -21.1980



61.3510, 37.7880, -33.6338



44.0130, 30.5596, -1.7654



49.8580, 2.0420, -1.6295



38.5790, 38.6616, -33.8338



81.3470, 80.6809, -71.3413

Inverse Universe

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



57.9050, 1.0328, 42.1793



62.2870, 1.8305, 66.4003



94.9870, -30.5596, 1.7654



50.0220, -0.0108, 3.4887



39.8850, 1.5357, 67.6299



83.6290, 3.6339, 141.5224

Previews

White Background



This preview shows how the YUV color 57.1710, 24.0727, -21.1980 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 57.1710, 24.0727, -21.1980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

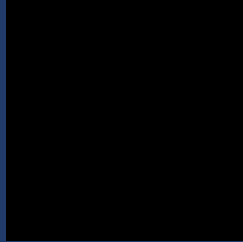
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.1710, 24.0727, -21.1980

Background



This preview shows how black text looks on a background with the YUV color 57.1710, 24.0727, -21.1980.



This preview shows how white text looks on a background with the YUV color 57.1710, 24.0727,

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

57.1710, 24.0727, -21.1980

Protanopia

58.5630, 22.8934, -16.2798

Deuteranopia

54.7680, 25.2574, -27.8605



Tritanopia

47.6510, 12.4971, -41.7899

Trichromacy



Original Color

57.1710, 24.0727, -21.1980

Protanomaly

57.6660, 23.3357, -18.1241

Deuteranomaly

55.9640, 24.6677, -25.4014

Tritanomaly

50.8460, 16.8379, -34.0679

Monochromacy



Original Color

57.1710, 24.0727, -21.1980

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9480, 8.8996, -7.8474

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.1710, 24.0727, -21.1980 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, 60, 106)` looks like.

```
.text, #text, p{  
    color:rgb(33, 60, 106)  
}
```

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, 60, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 60, 106) }
```

Border

The CSS property to change the border of an element to YUV 57.1710, 24.0727, -21.1980 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, 60, 106) }
```


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

```
.border{ border-color:rgb(33, 60, 106) }
```

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

Here you see how a box with a 4 pixel rgb(33, 60, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 60, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 60, 106);  
box-shadow:4px 4px 4px 4px rgb(33, 60,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 57.1710, 24.0727, -21.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 60, 106) }
```

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

```
.background{ background-color: rgb(33, 60,  
106) }
```

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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