

Converting Colors

YUV(58.1710, 24.0727,
-21.1980)

Have a look what the booklet for
YUV(58.1710, 24.0727, -21.1980)
contains.

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Color

**YUV(58.1710, 24.0727,
-21.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	223D6B
RGB	34, 61, 107
RGB Percent	13%, 24%, 42%
CMY	0.8667, 0.7608, 0.5804
CMYK	0.68, 0.43, 0.00, 0.58
HSL	218°, 52%, 28%
HSV	218°, 68%, 42%
XYZ	4.9823, 4.7391, 14.5621
YIQ	58.1710, -30.8580, 8.5820

Conversions

Conversions Part 2

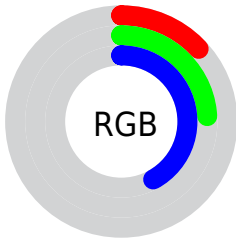
Format	Color
R_{YB}	34, 54, 107
Decimal	2243947
CIE Lab	25.98, 6.19, -29.90
CIE LCh	26, 30.535, 281.687
Yxy	4.7391, 0.2052, 0.1952
Android (android.graphics.Color)	4280434027 (0xFF223D6B)
YUV	58.1710, 24.0727, -21.1980
Hunter-Lab	21.7695, 2.7558, -24.4217

Details

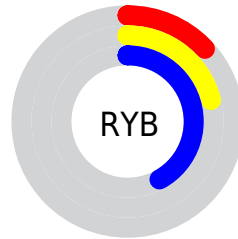
The YUV color **58.1710, 24.0727, -21.1980** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **82.8290, -24.0727, 21.1980**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.5350, 25.3722, -18.0092**, and **17.8790, 20.2727, -15.6799** is the 20% darker color. If you saturate the color by 10%, you get **50.7730, 27.7199, -24.3569**, and if you desaturate by 10%, it is **65.5690, 20.4255, -18.0390**.

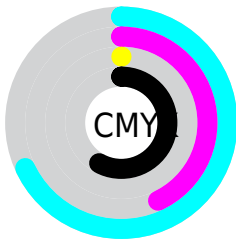
Distribution



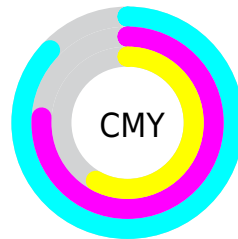
- Red (13%)
- Green (24%)
- Blue (42%)



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



- Cyan (68%)
- Magenta (43%)
- Yellow (0%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 58.1710, 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 58.1710, 24.0727, -21.1980 by changing the saturation by 10% instead.

■ 58.1710, 24.0727,
-21.1980

■ 58.1710, 24.0727,
-21.1980

■ 255.0000, 0.0000,
0.0000

■ 32.9420, 24.6786,
-28.8901

■ 107.5350, 25.3722,
-18.0092

■ 17.8790, 20.2727,
-15.6799

■ 133.0620, 26.0984,
-17.5944

■ 5.3920, 15.5827,
-4.7288

■ 159.5890, 26.8246,
-17.1796

■ 2.1830, 5.8258,
-1.9145

■ 186.7030, 27.2614,
-17.2795

■ 0.0000, 0.0000,
0.0000

■ 212.9930, 20.7095,
-15.7799

■ 238.1000, 8.3317,

-12.3657

254.4020, 0.2948,
-1.2296

■ 58.1710, 24.0727,
-21.1980

■ 58.1710, 24.0727,
-21.1980

■ 50.7730, 27.7199,
-24.3569

■ 65.5690, 20.4255,
-18.0390

■ 44.2610, 30.9303,
-27.4159

■ 72.0810, 17.2151,
-14.9800

■ 36.8630, 34.5775,
-30.5749

■ 79.4790, 13.5679,
-11.8211

■ 35.6780, 35.1617,
-31.2896

■ 86.8770, 9.9206,
-8.6621

■ 94.2750, 6.2734,
-5.5032

■ 100.7870, 3.0630,
-2.4442

■ 108.1850, -0.5842,
0.7148

■ 115.5830, -4.2314,
3.8737

■ 122.6820, -7.7312,
6.4179

Harmonies

Analogous

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



51.8860, 26.1852, -45.5040



58.1710, 24.0727, -21.1980



63.3060, 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.



58.1710, 24.0727, -21.1980



60.2510, -13.9277, 33.9829



47.5080, -0.7434, -41.6645

Complementary

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



58.1710, 24.0727, -21.1980



82.8290, -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.



55.3130, -14.9443, -13.4295



58.1710, 24.0727, -21.1980



59.8230, -21.6047, 22.9572

Square

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



58.1710, 24.0727, -21.1980



60.6180, -3.7557, 38.0460



57.7840, -22.5715, 6.3284



50.8310, 9.4503, -44.5788

Rectangle

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



58.1710, 24.0727, -21.1980



63.2000, 10.2544, 24.3806



57.7840, -22.5715, 6.3284



49.8960, -5.8647, -32.3578

Sweetspot

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



58.1710, 24.0727, -21.1980



121.6490, 9.0470, -8.4622



81.9810, -1.4696, -42.0793



60.0470, 5.3998, -5.3032



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



58.1710, 24.0727, -21.1980



63.3510, 37.7880, -33.6338



45.0130, 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.



58.9050, 1.0328, 42.1793



64.2870, 1.8305, 66.4003



95.9870, -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 58.1710, 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 58.1710, 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 58.1710, 24.0727, -21.1980

Background



This preview shows how black text looks on a background with the YUV color 58.1710, 24.0727, -21.1980.



This preview shows how white text looks on a background with the YUV color 58.1710, 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

58.1710, 24.0727, -21.1980

Protanopia

59.5630, 22.8934, -16.2798

Deuteranopia

56.0670, 25.1100, -27.2458



Tritanopia

48.3520, 12.6445, -42.4047

Trichromacy



Original Color

58.1710, 24.0727, -21.1980

Protanomaly

58.6660, 23.3357, -18.1241

Deuteranomaly

56.9640, 24.6677, -25.4014

Tritanomaly

51.5470, 16.9853, -34.6827

Monochromacy



Original Color

58.1710, 24.0727, -21.1980

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.9480, 8.8996, -7.8474

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.1710, 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(34, 61, 107)` looks like.

```
.text, #text, p{  
    color:rgb(34, 61, 107)  
}
```

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(34, 61, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 61, 107) }
```

Border

The CSS property to change the border of an element to YUV 58.1710, 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(34, 61, 107) }
```


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

```
.border{ border-color:rgb(34, 61, 107) }
```

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

Here you see how a box with a 4 pixel rgb(34, 61, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 61, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 61, 107);  
box-shadow:4px 4px 4px 4px rgb(34, 61,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 58.1710, 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(34, 61, 107) }
```

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

```
.background{ background-color: rgb(34, 61,  
107) }
```

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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