

Converting Colors

YUV(90.4250, 12.1155,
-12.6507)

Have a look what the booklet for
YUV(90.4250, 12.1155, -12.6507)
contains.

YUV(90.4250, 12.1155, -12.6507)	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(90.4250, 12.1155,
-12.6507)**

Conversions

Conversions Part 1

Format	Color
Hex	4C5D73
RGB	76, 93, 115
RGB Percent	30%, 36%, 45%
CMY	0.7020, 0.6353, 0.5490
CMYK	0.34, 0.19, 0.00, 0.55
HSL	214°, 20%, 37%
HSV	214°, 34%, 45%
XYZ	9.9894, 10.6030, 17.7397
YIQ	90.4250, -17.1940, 3.2380

Conversions

Conversions Part 2

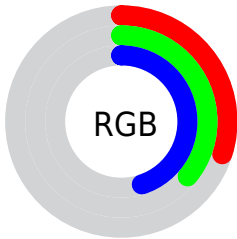
Format	Color
R_{YB}	76, 88, 115
Decimal	5004659
CIE _{Lab}	38.90, -0.69, -14.57
CIE _{LCh}	39, 14.589, 267.271
Yxy	10.6030, 0.2606, 0.2766
Android (android.graphics.Color)	4283194739 (0xFF4C5D73)
YUV	90.4250, 12.1155, -12.6507
Hunter-Lab	32.5623, -2.2242, -9.5073

Details

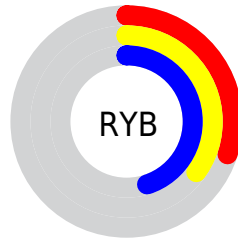
The YUV color **90.4250, 12.1155, -12.6507** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **100.5750, -12.1155, 12.6507**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.6530, 12.9891, -12.8507**, and **43.8980, 11.3893, -13.0655** is the 20% darker color. If you saturate the color by 10%, you get **83.3150, 15.6207, -16.9393**, and if you desaturate by 10%, it is **97.5350, 8.6102, -8.3622**.

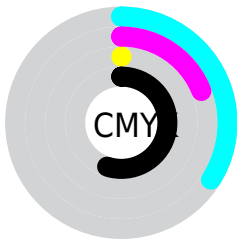
Distribution



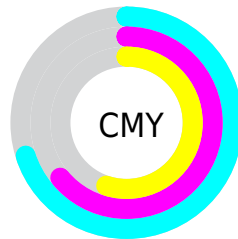
- Red (30%)
- Green (36%)
- Blue (45%)



- Red (30%)
- Yellow (35%)
- Blue (45%)



- Cyan (34%)
- Magenta (19%)
- Yellow (0%)
- Black (55%)



- Cyan (70%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.4250, 12.1155, -12.6507 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 90.4250, 12.1155, -12.6507 by changing the saturation by 10% instead.

■ 90.4250, 12.1155,
-12.6507

■ 90.4250, 12.1155,
-12.6507

■ 255.0000, 0.0000,
0.0000

■ 66.3110, 11.6787,
-12.5507

■ 140.6530, 12.9891,
-12.8507

■ 43.8980, 11.3893,
-13.0655

■ 167.3540, 13.1365,
-13.4655

■ 22.7730, 10.9579,
-14.7099

■ 194.4680, 13.5733,
-13.5654

■ 3.3230, 10.1938,
-2.9143

■ 222.5820, 14.0101,
-13.6654

■ 0.0000, 0.0000,
0.0000

■ 247.8460, 3.5269,
-11.2659

■ 90.4250, 12.1155,
-12.6507

■ 90.4250, 12.1155,
-12.6507

■ 83.3150, 15.6207,
-16.9393

■ 97.5350, 8.6102,
-8.3622

■ 75.9170, 19.2679,
-20.0982

■ 104.9330, 4.9630,
-5.2032

■ 68.8070, 22.7731,
-24.3867

■ 112.0430, 1.4578,
-0.9147

■ 61.4090, 26.4204,
-27.5457

■ 119.4410, -2.1894,
2.2442

■ 54.2990, 29.9256,
-31.8342

■ 126.5510, -5.6946,
6.5328

■ 46.9010, 33.5728,
-34.9932

■ 133.9490, -9.3419,
9.6917

■ 42.4600, 35.7622,
-37.2374

■ 140.7600,
-12.6997, 13.3655

■ 148.4570,

-16.4943, 17.1392

■ 155.5670,
-19.9995, 21.4277

Harmonies

Analogous

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



87.8430, 11.4164, -21.7873



90.4250, 12.1155, -12.6507



92.6330, 10.0409, -0.5551

Triad

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



90.4250, 12.1155, -12.6507



93.2260, -6.0274, 19.9728



88.2560, -5.0562, -11.6255

Complementary

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



90.4250, 12.1155, -12.6507



100.5750, -12.1155, 12.6507

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.



89.7690, -9.7461, -0.6744



90.4250, 12.1155, -12.6507



92.4660, -10.0897, 16.2543

Square

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



90.4250, 12.1155, -12.6507



93.4090, -0.2016, 18.0583



91.0800, -11.3784, 9.5768



86.9220, 1.5175, -20.1026

Rectangle

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



90.4250, 12.1155, -12.6507



93.2920, 7.2510, 7.6369



91.0800, -11.3784, 9.5768



88.8220, -6.8142, -7.7369

Sweetspot

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



90.4250, 12.1155, -12.6507



140.8190, 4.5262, -5.1033



101.2870, -2.1135, -22.1767



70.4880, 3.2104, -3.0590



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



90.4250, 12.1155, -12.6507



111.8030, 18.8311, -19.9982



81.0440, 16.7403, -2.6696



54.8580, 2.0420, -1.6295



45.0190, 37.9516, -39.4817



92.4830, 77.6559, -81.1076

Inverse Universe

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



89.5990, 1.6767, 22.2767



110.3170, 2.8017, 34.8020



109.9560, -16.7403, 2.6696



55.0220, -0.0108, 3.4887



42.5200, 5.1666, 69.7040



87.1760, 10.7592, 142.7966

Previews

White Background



This preview shows how the YUV color 90.4250, 12.1155, -12.6507 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 90.4250, 12.1155, -12.6507 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

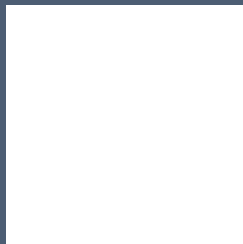
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 90.4250, 12.1155, -12.6507

Background



This preview shows how black text looks on a background with the YUV color 90.4250, 12.1155, -12.6507.



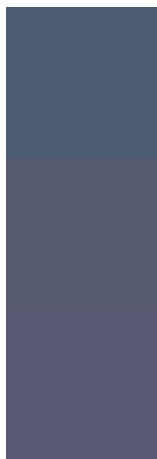
This preview shows how white text looks on a background with the YUV color 90.4250, 12.1155,

-12.6507.

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

90.4250, 12.1155, -12.6507

Protanopia

92.0130, 10.3466, -5.2734

Deuteranopia

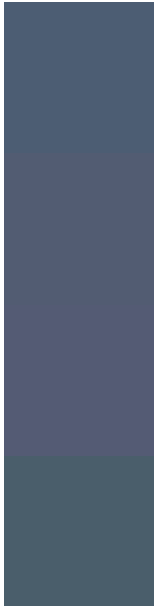
92.3660, 11.6516, -3.8290



Tritanopia

89.3340, 6.7373, -14.3249

Trichromacy



Original Color

90.4250, 12.1155, -12.6507

Protanomaly

91.5180, 11.0836, -8.3473

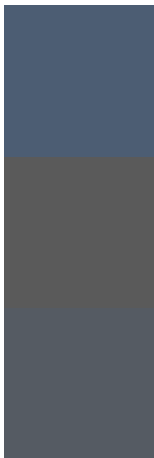
Deuteranomaly

91.7570, 11.9518, -6.8029

Tritanomaly

89.5020, 8.6265, -13.5953

Monochromacy



Original Color

90.4250, 12.1155, -12.6507

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.1180, 4.3788, -4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.4250, 12.1155, -12.6507 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, 93, 115)` looks like.

```
.text, #text, p{  
    color:rgb(76, 93, 115)  
}
```

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, 93, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 93, 115) }
```

Border

The CSS property to change the border of an element to YUV 90.4250, 12.1155, -12.6507 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, 93, 115) }
```


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

```
.border{ border-color:rgb(76, 93, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 93, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 93, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 93, 115);  
box-shadow:4px 4px 4px 4px rgb(76, 93,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 90.4250, 12.1155, -12.6507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 93, 115) }
```

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

```
.background{ background-color: rgb(76, 93,  
115) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor