

Converting Colors

YUV(60.4450, 15.0636,
-24.9463)

Have a look what the booklet for
YUV(60.4450, 15.0636, -24.9463)
contains.

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Color

**YUV(60.4450, 15.0636,
-24.9463)**

Conversions

Conversions Part 1

Format	Color
Hex	20455B
RGB	32, 69, 91
RGB Percent	13%, 27%, 36%
CMY	0.8745, 0.7294, 0.6431
CMYK	0.65, 0.24, 0.00, 0.64
HSL	202°, 48%, 24%
HSV	202°, 65%, 36%
XYZ	4.6121, 5.3187, 10.6810
YIQ	60.4450, -29.1140, -1.0020

Conversions

Conversions Part 2

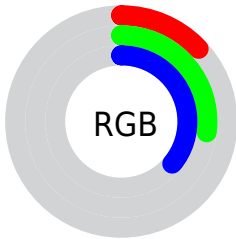
Format	Color
R_{YB}	32, 55, 91
Decimal	2114907
CIE Lab	27.62, -5.66, -17.03
CIE LCh	28, 17.942, 251.602
Yxy	5.3187, 0.2238, 0.2580
Android (android.graphics.Color)	4280304987 (0xFF20455B)
YUV	60.4450, 15.0636, -24.9463
Hunter-Lab	23.0622, -4.6614, -11.3161




Details

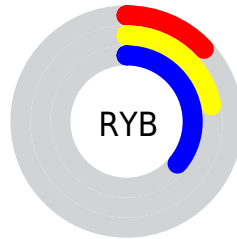
The YUV color **60.4450, 15.0636, -24.9463** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **62.5550, -15.0636, 24.9463**, and the grayscale version is **60.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **109.5700, 15.4950, -23.3019**, and **20.3920, 12.1317, -17.8838** is the 20% darker color. If you saturate the color by 10%, you get **55.9930, 17.2585, -28.9349**, and if you desaturate by 10%, it is **64.8970, 12.8688, -20.9577**.

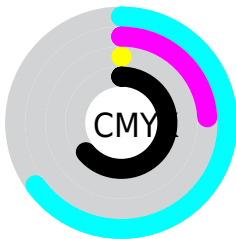
Distribution







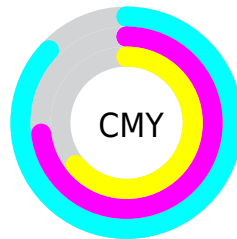
-  Red (13%)
-  Green (27%)
-  Blue (36%)






-  Red (13%)
-  Yellow (22%)
-  Blue (36%)



-  Cyan (65%)
-  Magenta (24%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (87%)
-  Magenta (73%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.4450, 15.0636, -24.9463 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 60.4450, 15.0636, -24.9463 by changing the saturation by 10% instead.

■ 60.4450, 15.0636,
-24.9463

■ 60.4450, 15.0636,
-24.9463

■ 255.0000, 0.0000,
0.0000

■ 35.8250, 15.3693,
-29.6645

■ 109.5700, 15.4950,
-23.3019

■ 20.3920, 12.1317,
-17.8838

■ 135.3850, 16.0792,
-24.0166

■ 3.4370, 10.6306,
-3.0142

■ 161.4990, 16.5160,
-24.1166

■ 0.0000, 0.0000,
0.0000

■ 188.6130, 16.9528,
-24.2166

■ 216.6130, 16.9528,
-24.2166

■ 242.4640, 6.1802,

-22.3319

252.3090, 1.3267,
-5.5330

60.4450, 15.0636,
-24.9463

60.4450, 15.0636,
-24.9463

55.9930, 17.2585,
-28.9349

64.8970, 12.8688,
-20.9577

50.9540, 19.7427,
-32.4087

69.9360, 10.3846,
-17.4839

46.5020, 21.9375,
-36.3973

74.3880, 8.1897,
-13.4953

43.8330, 23.2533,
-38.4415

79.4270, 5.7055,
-10.0215

84.1780, 3.3632,
-5.4181

■ 88.6300, 1.1684,
-1.4295

■ 93.6690, -1.3158,
2.0443

■ 98.1210, -3.5107,
6.0329

■ 103.1600, -5.9949,
9.5067

Harmonies

Analogous

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



55.9120, 13.3544, -36.7568



60.4450, 15.0636, -24.9463



64.7890, 13.4150, -9.4620

Triad

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



60.4450, 15.0636, -24.9463



66.6330, -3.2701, 22.2469



62.2520, -8.9982, -7.2370

Complementary

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



60.4450, 15.0636, -24.9463



62.5550, -15.0636, 24.9463

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.



63.7050, -12.6726, 4.6437



60.4450, 15.0636, -24.9463



65.8410, -8.7956, 21.1874

Square

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



60.4450, 15.0636, -24.9463



67.3210, 3.2927, 17.2585



64.7710, -12.7051, 15.1098



59.7110, -1.8295, -19.9175

Rectangle

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



60.4450, 15.0636, -24.9463



66.2850, 11.1985, 1.5041



64.7710, -12.7051, 15.1098



62.8180, -10.7563, -3.3484

Sweetspot

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



60.4450, 15.0636, -24.9463



105.7260, 5.5581, -9.4067



69.1410, -7.4645, -32.5727



51.8790, 3.5107, -6.0329



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



60.4450, 15.0636, -24.9463



69.8330, 23.2533, -38.4415



43.4220, 23.4560, -10.0171



43.3310, 1.3158, -2.0443



53.0430, 28.0798, -46.5187



114.4810, 60.4019, -100.3998

Inverse Universe

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



53.8590, 7.4645, 32.5727



59.7070, 11.4834, 50.2460



79.5780, -23.4560, 10.0171



42.8370, 0.5734, 2.7740



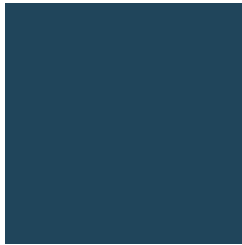
40.7560, 13.9243, 60.7270



87.8490, 30.1474, 130.8054

Previews

White Background



This preview shows how the YUV color 60.4450, 15.0636, -24.9463 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 60.4450, 15.0636, -24.9463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

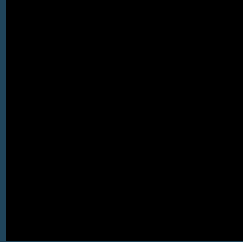
Any Text WCAG AA × Fail

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 60.4450, 15.0636, -24.9463 Background



This preview shows how black text looks on a background with the YUV color 60.4450, 15.0636, -24.9463.



This preview shows how white text looks on a background with the YUV color 60.4450, 15.0636, -24.9463.

-24.9463.

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

60.4450, 15.0636, -24.9463

Protanopia

65.1270, 10.7834, -5.3734

Deuteranopia

64.5010, 13.5570, -8.3324



Tritanopia

57.9300, 9.4015, -28.8796

Trichromacy



Original Color

60.4450, 15.0636, -24.9463

Protanomaly

63.4250, 12.1155, -12.6507

Deuteranomaly

63.2830, 14.1575, -14.2802

Tritanomaly

58.8100, 11.4327, -27.0204

Monochromacy



Original Color

60.4450, 15.0636, -24.9463

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.0250, 5.4107, -8.7919

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.4450, 15.0636, -24.9463 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(32, 69, 91)` looks like.

```
.text, #text, p{  
    color:rgb(32, 69, 91)  
}
```

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(32, 69, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 69, 91) }
```

Border

The CSS property to change the border of an element to YUV 60.4450, 15.0636, -24.9463 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(32, 69, 91) }
```


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

```
.border{ border-color:rgb(32, 69, 91) }
```

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

Here you see how a box with a 4 pixel rgb(32, 69, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 69, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 69, 91);  
box-shadow:4px 4px 4px 4px rgb(32, 69, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 60.4450, 15.0636, -24.9463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 69, 91) }
```

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

```
.background{ background-color: rgb(32, 69,  
91) }
```

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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