

Converting Colors

YUV(62.6400, 12.5025,
-43.5343)

Have a look what the booklet for
YUV(62.6400, 12.5025, -43.5343)
contains.

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Color

**YUV(62.6400, 12.5025,
-43.5343)**

Conversions

Conversions Part 1

Format	Color
Hex	0D5358
RGB	13, 83, 88
RGB Percent	5%, 33%, 35%
CMY	0.9490, 0.6745, 0.6549
CMYK	0.85, 0.06, 0.00, 0.65
HSL	184°, 74%, 20%
HSV	184°, 85%, 35%
XYZ	5.0207, 6.9767, 10.3145
YIQ	62.6400, -43.3250, -13.2850

Conversions

Conversions Part 2

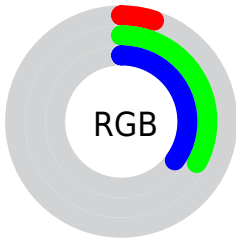
Format	Color
R_{YB}	13, 49, 88
Decimal	873304
CIE _{Lab}	31.75, -18.23, -8.84
CIE _{LCh}	32, 20.259, 205.864
Yxy	6.9767, 0.2250, 0.3127
Android (android.graphics.Color)	4279063384 (0xFF0D5358)
YUV	62.6400, 12.5025, -43.5343
Hunter-Lab	26.4134, -12.2939, -4.6636

Details

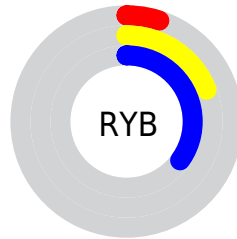
The YUV color **62.6400, 12.5025, -43.5343** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **38.3600, -12.5025, 43.5343**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.3310, 11.1758, -38.0013**, and **27.2080, 7.7855, -23.8614** is the 20% darker color. If you saturate the color by 10%, you get **59.3620, 14.1185, -48.5525**, and if you desaturate by 10%, it is **65.9180, 10.8864, -38.5161**.

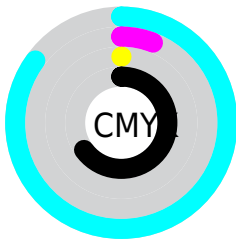
Distribution



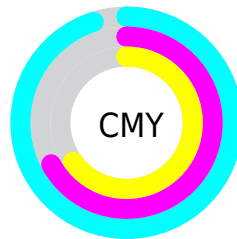
- Red (5%)
- Green (33%)
- Blue (35%)



- Red (5%)
- Yellow (19%)
- Blue (35%)



- Cyan (85%)
- Magenta (6%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (67%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.6400, 12.5025, -43.5343 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 62.6400, 12.5025, -43.5343 by changing the saturation by 10% instead.

62.6400, 12.5025,
-43.5343

62.6400, 12.5025,
-43.5343

255.0000, 0.0000,
0.0000

42.6300, 11.0284,
-37.3865

115.3310, 11.1758,
-38.0013

27.2080, 7.7855,
-23.8614

141.3310, 11.1758,
-38.0013

10.2530, 6.2843,
-8.9919

168.3310, 11.1758,
-38.0013

0.0000, 0.0000,
0.0000

196.0320, 11.3232,
-38.6161

224.1460, 11.7600,
-38.7160

240.9470, 6.9281,

-28.8945

■ 249.6180, 2.6533,
-11.0660

■ 62.6400, 12.5025,
-43.5343

■ 62.6400, 12.5025,
-43.5343

■ 59.3620, 14.1185,
-48.5525

■ 65.9180, 10.8864,
-38.5161

■ 58.1660, 14.7082,
-51.0116

■ 68.6090, 9.5598,
-32.9831

■ 71.5880, 8.0911,
-28.5797

■ 74.2790, 6.7645,
-23.0467

■ 77.5570, 5.1484,
-18.0285

■ 80.8350, 3.5323,
-13.0103

■ 83.5260, 2.2057,
-7.4773

■ 86.5050, 0.7370,
-3.0739

■ 89.1960, -0.5896,
2.4591

Harmonies

Analogous

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



66.4970, 2.7130, -30.2539



62.6400, 12.5025, -43.5343



65.6390, 17.4330, -38.2714

Triad

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



62.6400, 12.5025, -43.5343



77.1510, 7.8136, 13.8996



73.7660, -15.1676, 11.6062

Complementary

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



62.6400, 12.5025, -43.5343



38.3600, -12.5025, 43.5343

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.



75.4020, -13.0162, 21.5724



62.6400, 12.5025, -43.5343



76.9690, 0.5083, 23.7062

Square

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



62.6400, 12.5025, -43.5343



75.2460, 13.6827, -1.9697



75.7430, -6.7753, 26.5354



72.2590, -12.9457, -1.1041

Rectangle

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



62.6400, 12.5025, -43.5343



69.4170, 17.5424, -26.6757



75.7430, -6.7753, 26.5354



74.2010, -14.8891, 15.6097

Sweetspot

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



62.6400, 12.5025, -43.5343



104.8560, 5.0010, -17.4137



57.5950, -19.5203, -39.1098



52.1450, 3.3795, -10.6512



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.



62.6400, 12.5025, -43.5343



75.9190, 19.2669, -66.5810



40.9210, 23.2099, -24.4867



41.8040, 0.5896, -2.4591



70.8980, 17.7983, -62.1775



155.3430, 39.2709, -136.2358

Inverse Universe

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



43.4050, 19.5203, 39.1098



46.5830, 29.7856, 60.0017



60.0790, -23.2099, 24.4867



40.6520, 1.1576, 2.0592



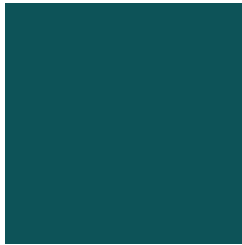
43.3930, 27.9073, 55.7833



95.2310, 61.0181, 122.5774

Previews

White Background



This preview shows how the YUV color 62.6400, 12.5025, -43.5343 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 62.6400, 12.5025, -43.5343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

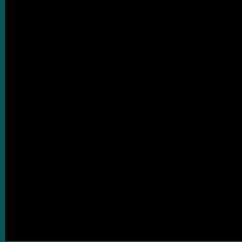
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

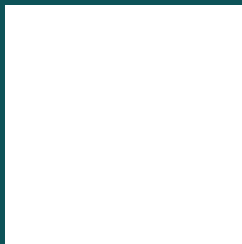
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 62.6400, 12.5025, -43.5343

Background



This preview shows how black text looks on a background with the YUV color 62.6400, 12.5025, -43.5343.



This preview shows how white text looks on a background with the YUV color 62.6400, 12.5025,

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

62.6400, 12.5025, -43.5343

Protanopia

74.9120, 3.4944, -0.7998

Deuteranopia

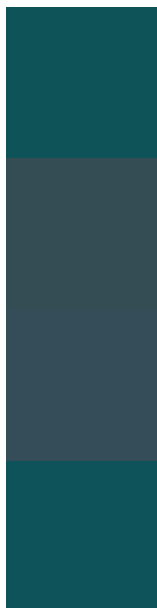
75.2370, 7.2782, -1.0848



Tritanopia

63.3520, 12.6445, -42.4047

Trichromacy



Original Color

62.6400, 12.5025, -43.5343

Protanomaly

70.3230, 6.7428, -16.0693

Deuteranomaly

70.8930, 8.9268, -16.5692

Tritanomaly

63.0530, 12.7919, -43.0195

Monochromacy



Original Color

62.6400, 12.5025, -43.5343

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.7530, 4.5588, -15.5694

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.6400, 12.5025, -43.5343 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(13, 83, 88)` looks like.

```
.text, #text, p{  
    color:rgb(13, 83, 88)  
}
```

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(13, 83, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 83, 88) }
```

Border

The CSS property to change the border of an element to YUV 62.6400, 12.5025, -43.5343 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(13, 83, 88) }
```


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

```
.border{ border-color:rgb(13, 83, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 83, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 83, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 83, 88);  
box-shadow:4px 4px 4px 4px rgb(13, 83, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.6400, 12.5025, -43.5343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 83, 88) }
```

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

```
.background{ background-color: rgb(13, 83,  
88) }
```

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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