

Converting Colors

YUV(72.6400, 12.5025,
-43.5343)

Have a look what the booklet for
YUV(72.6400, 12.5025, -43.5343)
contains.

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Color

**YUV(72.6400, 12.5025,
-43.5343)**

Conversions

Conversions Part 1

Format	Color
Hex	175D62
RGB	23, 93, 98
RGB Percent	9%, 36%, 38%
CMY	0.9098, 0.6353, 0.6157
CMYK	0.77, 0.05, 0.00, 0.62
HSL	184°, 62%, 24%
HSV	184°, 77%, 38%
XYZ	6.4723, 8.8927, 12.9306
YIQ	72.6400, -43.3250, -13.2850

Conversions

Conversions Part 2

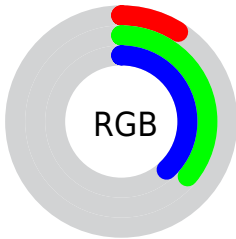
Format	Color
R_{YB}	23, 59, 98
Decimal	1531234
CIE _{Lab}	35.78, -19.00, -9.04
CIE _{LCh}	36, 21.037, 205.438
Yxy	8.8927, 0.2287, 0.3143
Android (android.graphics.Color)	4279721314 (0xFF175D62)
YUV	72.6400, 12.5025, -43.5343
Hunter-Lab	29.8206, -13.4443, -4.8345

Details

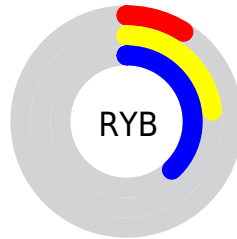
The YUV color **72.6400, 12.5025, -43.5343** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **48.3600, -12.5025, 43.5343**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.4340, 11.6180, -39.8456**, and **33.5170, 9.1121, -29.3944** is the 20% darker color. If you saturate the color by 10%, you get **69.0630, 14.2659, -49.1673**, and if you desaturate by 10%, it is **76.2170, 10.7390, -37.9013**.

Distribution



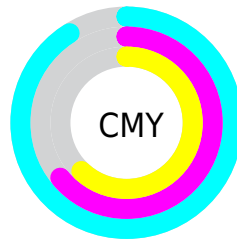
- Red (9%)
- Green (36%)
- Blue (38%)



- Red (9%)
- Yellow (23%)
- Blue (38%)



- Cyan (77%)
- Magenta (5%)
- Yellow (0%)
- Black (62%)



- Cyan (91%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.6400, 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 72.6400, 12.5025, -43.5343 by changing the saturation by 10% instead.

72.6400, 12.5025,
-43.5343

72.6400, 12.5025,
-43.5343

255.0000, 0.0000,
0.0000

48.9390, 12.3551,
-42.9195

125.4340, 11.6180,
-39.8456

33.5170, 9.1121,
-29.3944

151.7330, 11.4706,
-39.2308

19.2690, 5.2904,
-16.8989

179.4340, 11.6180,
-39.8456

0.4560, 1.7472,
-0.3999

207.1350, 11.7654,
-40.4604

0.0000, 0.0000,
0.0000

234.6790, 10.0183,
-40.0605

243.9370, 5.4541,

-22.7467

252.6080, 1.1793,
-4.9182

72.6400, 12.5025,
-43.5343

72.6400, 12.5025,
-43.5343

69.0630, 14.2659,
-49.1673

76.2170, 10.7390,
-37.9013

66.0730, 15.7400,
-55.3150

79.2070, 9.2649,
-31.7535

64.5890, 16.4716,
-56.6446

82.4850, 7.6489,
-26.7353

86.0620, 5.8854,
-21.1024

89.0520, 4.4114,
-14.9546

■ 92.6290, 2.6479,
-9.3216

■ 96.2060, 0.8844,
-3.6887

■ 98.8970, -0.4422,
1.8443

■ 102.4740, -2.2057,
7.4773

Harmonies

Analogous

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



75.7850, 2.5710, -31.3834



72.6400, 12.5025, -43.5343



75.3400, 17.5804, -38.8862

Triad

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



72.6400, 12.5025, -43.5343



86.5640, 8.1029, 14.4144



83.2500, -15.8993, 12.9358

Complementary

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



72.6400, 12.5025, -43.5343



48.3600, -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.



84.2990, -13.4584, 23.4168



72.6400, 12.5025, -43.5343



85.9800, 0.5029, 25.4505

Square

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



72.6400, 12.5025, -43.5343



85.3600, 14.1195, -2.0697



85.3410, -7.0701, 27.7649



81.3300, -13.9667, -0.2894

Rectangle

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



72.6400, 12.5025, -43.5343



78.9330, 18.2740, -28.0052



85.3410, -7.0701, 27.7649



83.6850, -15.6207, 16.9393

Sweetspot

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



72.6400, 12.5025, -43.5343



117.8560, 5.0010, -17.4137



67.5950, -19.5203, -39.1098



58.0310, 2.9427, -10.5512



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



72.6400, 12.5025, -43.5343



88.0220, 19.7092, -68.4253



50.9210, 23.2099, -24.4867



46.8040, 0.5896, -2.4591



74.4030, 18.5353, -65.2514



158.8480, 40.0079, -139.3097

Inverse Universe

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



53.4050, 19.5203, 39.1098



57.8220, 30.6538, 61.5461



70.6660, -23.4993, 23.9719



45.6520, 1.1576, 2.0592



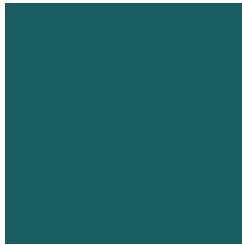
45.4580, 29.3542, 58.3573



97.2960, 62.4651, 125.1514

Previews

White Background



This preview shows how the YUV color 72.6400, 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 72.6400, 12.5025, -43.5343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

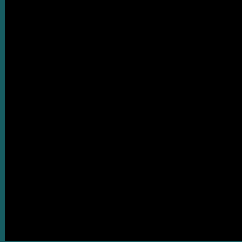
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.6400, 12.5025, -43.5343

Background



This preview shows how black text looks on a background with the YUV color 72.6400, 12.5025, -43.5343.



This preview shows how white text looks on a background with the YUV color 72.6400, 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

72.6400, 12.5025, -43.5343

Protanopia

84.0260, 3.9312, -0.8998

Deuteranopia

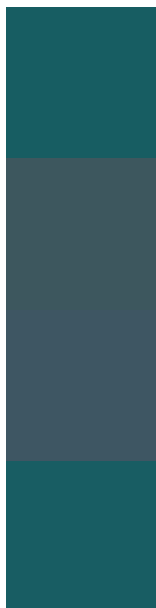
84.6500, 7.5675, -0.5701



Tritanopia

73.4660, 13.0813, -42.5047

Trichromacy



Original Color

72.6400, 12.5025, -43.5343

Protanomaly

80.0240, 6.8902, -16.6840

Deuteranomaly

80.3060, 9.2161, -16.0544

Tritanomaly

73.0530, 12.7919, -43.0195

Monochromacy



Original Color

72.6400, 12.5025, -43.5343

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.7530, 4.5588, -15.5694

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.6400, 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(23, 93, 98)` looks like.

```
.text, #text, p{  
    color:rgb(23, 93, 98)  
}
```

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(23, 93, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 93, 98) }
```

Border

The CSS property to change the border of an element to YUV 72.6400, 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(23, 93, 98) }
```


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

```
.border{ border-color:rgb(23, 93, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 93, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 93, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 93, 98);  
box-shadow:4px 4px 4px 4px rgb(23, 93, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.6400, 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(23, 93, 98) }
```

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

```
.background{ background-color: rgb(23, 93,  
98) }
```

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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