

Converting Colors

YUV(56.3650, 9.6801, -24.8761)

Have a look what the booklet for
YUV(56.3650, 9.6801, -24.8761)
contains.

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Color

**YUV(56.3650, 9.6801,
-24.8761)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 1C434C |
| RGB | 28, 67, 76 |
| RGB Percent | 11%, 26%, 30% |
| CMY | 0.8902, 0.7373, 0.7020 |
| CMYK | 0.63, 0.12, 0.00, 0.70 |
| HSL | 191°, 46%, 20% |
| HSV | 191°, 63%, 30% |
| XYZ | 3.7906, 4.7830, 7.5609 |
| YIQ | 56.3650, -26.1330, -5.4690 |

Conversions

Conversions Part 2

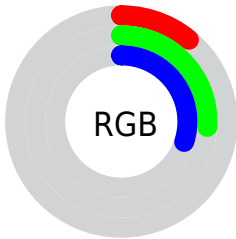
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 28, 50, 76 |
| Decimal | 1852236 |
| CIE _{Lab} | 26.11, -10.67, -9.61 |
| CIE _{LCh} | 26, 14.357, 221.999 |
| Yxy | 4.7830, 0.2349, 0.2964 |
| Android (android.graphics.Color) | 4280042316 (0xFF1C434C) |
| YUV | 56.3650, 9.6801, -24.8761 |
| Hunter-Lab | 21.8700, -7.3347, -5.1887 |

Details

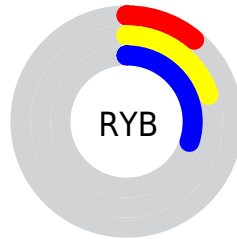
The YUV color **56.3650, 9.6801, -24.8761** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47.6350, -9.6801, 24.8761**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.7780, 9.9694, -24.3613**, and **18.3230, 6.7428, -16.0693** is the 20% darker color. If you saturate the color by 10%, you get **53.3860, 11.1487, -29.2795**, and if you desaturate by 10%, it is **59.3440, 8.2114, -20.4727**.

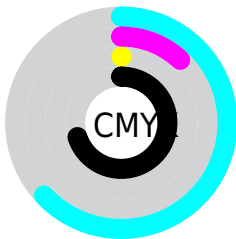
Distribution



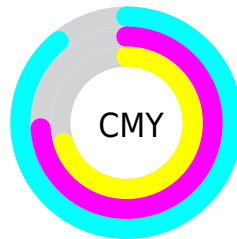
- Red (11%)
- Green (26%)
- Blue (30%)



- Red (11%)
- Yellow (20%)
- Blue (30%)



- Cyan (63%)
- Magenta (12%)
- Yellow (0%)
- Black (70%)



- Cyan (89%)
- Magenta (74%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.3650, 9.6801, -24.8761 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 56.3650, 9.6801, -24.8761 by changing the saturation by 10% instead.

■ 56.3650, 9.6801,
-24.8761

■ 56.3650, 9.6801,
-24.8761

■ 255.0000, 0.0000,
0.0000

■ 32.4570, 10.1277,
-28.4648

■ 104.7780, 9.9694,
-24.3613

■ 18.3230, 6.7428,
-16.0693

■ 130.4790, 10.1169,
-24.9761

■ 0.7980, 3.0576,
-0.6998

■ 156.4790, 10.1169,
-24.9761

■ 0.0000, 0.0000,
0.0000

■ 183.5930, 10.5537,
-25.0761

■ 211.2940, 10.7011,
-25.6908

■ 239.1970, 7.7909,

-25.6058

250.2160, 2.3585,
-9.8364

56.3650, 9.6801,
-24.8761

56.3650, 9.6801,
-24.8761

53.3860, 11.1487,
-29.2795

59.3440, 8.2114,
-20.4727

50.1190, 12.7593,
-32.5534

62.6110, 6.6008,
-17.1988

47.1400, 14.2280,
-36.9568

65.5900, 5.1321,
-12.7954

45.0580, 15.2544,
-39.5159

68.8570, 3.5215,
-9.5216

71.8360, 2.0529,
-5.1182

■ 75.4020, 0.2948,
-1.2296

■ 78.0820, -1.0264,
2.5591

■ 81.0610, -2.4951,
6.9625

■ 84.3280, -4.1057,
10.2363

Harmonies

Analogous

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



56.4100, 4.7279, -23.1616



56.3650, 9.6801, -24.8761



58.8650, 11.4056, -18.2986

Triad

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



56.3650, 9.6801, -24.8761



63.7720, 2.5774, 13.3550



60.9760, -10.3412, 3.5290

Complementary

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



56.3650, 9.6801, -24.8761



47.6350, -9.6801, 24.8761

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.



61.7320, -10.2209, 11.6360



56.3650, 9.6801, -24.8761



63.4260, -2.6750, 18.0434

Square

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



56.3650, 9.6801, -24.8761



62.9820, 7.4039, 5.2778



62.2750, -7.0376, 17.2988



59.1320, -6.9671, -5.3778

Rectangle

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



56.3650, 9.6801, -24.8761



61.0940, 10.7997, -10.6064



62.2750, -7.0376, 17.2988



60.9980, -10.3520, 7.0178

Sweetspot

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



56.3650, 9.6801, -24.8761



91.8570, 3.5215, -9.5216



57.2020, -9.9596, -25.6102



46.2380, 2.3477, -6.3477



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



56.3650, 9.6801, -24.8761



68.3570, 15.1070, -38.9011



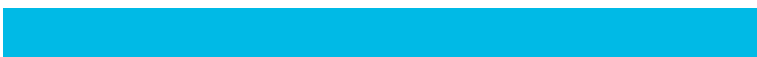
42.2770, 16.6254, -12.5209



36.8040, 0.5896, -2.4591



60.3490, 20.5339, -52.9261



135.4020, 46.6368, -118.7476

Inverse Universe

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



46.7980, 9.9596, 25.6102



53.3790, 15.5892, 40.0096



61.7230, -16.6254, 12.5209



35.6520, 1.1576, 2.0592



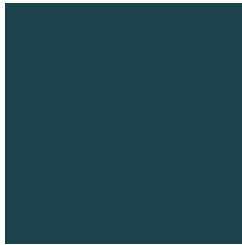
39.9600, 21.2187, 54.4091



89.9740, 47.3408, 122.8028

Previews

White Background



This preview shows how the YUV color 56.3650, 9.6801, -24.8761 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 56.3650, 9.6801, -24.8761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

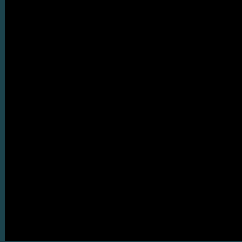
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

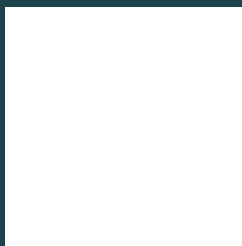
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 56.3650, 9.6801, -24.8761

Background



This preview shows how black text looks on a background with the YUV color 56.3650, 9.6801, -24.8761.



This preview shows how white text looks on a background with the YUV color 56.3650, 9.6801, -24.8761.

-24.8761.

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

56.3650, 9.6801, -24.8761

Protanopia

61.9550, 4.9522, -1.7145

Deuteranopia

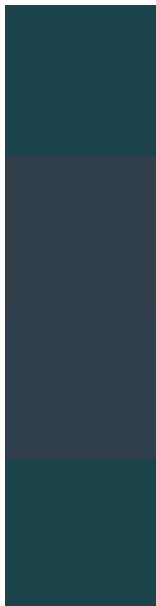
61.9380, 7.4256, -1.6996



Tritanopia

56.3110, 8.2277, -25.7057

Trichromacy



Original Color

56.3650, 9.6801, -24.8761

Protanomaly

59.6550, 6.5791, -10.2214

Deuteranomaly

60.1110, 8.3263, -10.6213

Tritanomaly

56.4250, 8.6645, -25.8057

Monochromacy



Original Color

56.3650, 9.6801, -24.8761

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.1560, 3.3741, -8.9068

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.3650, 9.6801, -24.8761 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(28, 67, 76)` looks like.

```
.text, #text, p{  
    color:rgb(28, 67, 76)  
}
```

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(28, 67, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 67, 76) }
```

Border

The CSS property to change the border of an element to YUV 56.3650, 9.6801, -24.8761 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(28, 67, 76) }
```


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

```
.border{ border-color:rgb(28, 67, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 67, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 67, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 67, 76);  
box-shadow:4px 4px 4px 4px rgb(28, 67, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.3650, 9.6801, -24.8761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 67, 76) }
```

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

```
.background{ background-color: rgb(28, 67,  
76) }
```

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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