

Converting Colors

YUV(28.1040, 56.1507, 3.4168)

Have a look what the booklet for
YUV(28.1040, 56.1507, 3.4168)
contains.

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Color

**YUV(28.1040, 56.1507,
3.4168)**

Conversions

Conversions Part 1

Format	Color
Hex	20048E
RGB	32, 4, 142
RGB Percent	13%, 2%, 56%
CMY	0.8745, 0.9843, 0.4431
CMYK	0.77, 0.97, 0.00, 0.44
HSL	252°, 95%, 29%
HSV	252°, 97%, 56%
XYZ	5.5216, 2.3469, 25.7532
YIQ	28.1040, -27.6100, 48.8540

Conversions

Conversions Part 2

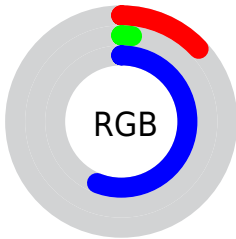
Format	Color
RYB	32, 4, 142
Decimal	2098318
CIELab	17.21, 50.49, -66.42
CIElCh	17, 83.438, 307.241
Yxy	2.3469, 0.1642, 0.0698
Android (android.graphics.Color)	4280288398 (0xFF20048E)
YUV	28.1040, 56.1507, 3.4168
Hunter-Lab	15.3196, 37.5265, -88.9463

Details

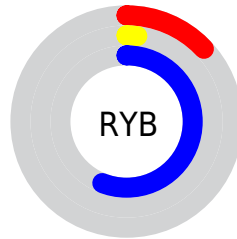
The YUV color **28.1040, 56.1507, 3.4168** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **117.8960, -56.1507, -3.4168**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.8060, 54.8186, 10.6941**, and **10.2600, 39.3118, -8.9980** is the 20% darker color. If you saturate the color by 10%, you get **24.8590, 57.7505, 3.6317**, and if you desaturate by 10%, it is **39.6110, 50.4778, 2.9722**.

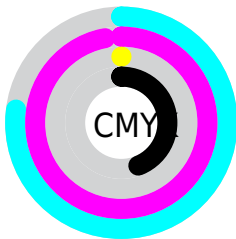
Distribution



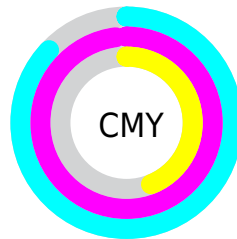
- Red (13%)
- Green (2%)
- Blue (56%)



- Red (13%)
- Yellow (2%)
- Blue (56%)



- Cyan (77%)
- Magenta (97%)
- Yellow (0%)
- Black (44%)



- Cyan (87%)
- Magenta (98%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.1040, 56.1507, 3.4168 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 28.1040, 56.1507, 3.4168 by changing the saturation by 10% instead.

■ 28.1040, 56.1507,
3.4168

■ 28.1040, 56.1507,
3.4168

■ 249.7170, 2.6045,
4.6332

■ 13.2240, 50.6686,
-11.5974

■ 85.8060, 54.8186,
10.6941

■ 10.2600, 39.3118,
-8.9980

■ 112.7570, 55.8288,
13.3681

■ 11.5190, 26.3661,
-10.1022

■ 139.4090, 56.9864,
15.4273

■ 6.5490, 17.4773,
-5.7435

■ 163.3420, 45.1874,
19.8711


■ 2.9810, 8.8834,
-2.6143


■ 188.1610, 32.9516,
24.4148


■ 0.0000, 0.0000,
0.0000


■ 213.5670, 20.4265,


28.4437


 232.6940, 10.9969,
19.5624


 28.1040, 56.1507,
3.4168


 28.1040, 56.1507,
3.4168


 24.8590, 57.7505,
3.6317

 39.6110, 50.4778,
2.9722

 51.4170, 44.6574,
3.1423

 63.5110, 38.6951,
2.1829

 75.0180, 33.0221,
1.7382

 86.8240, 27.2018,
1.9084

■ 98.3310, 21.5288,
1.4637

■ 109.8380, 15.8559,
1.0191

■ 122.2310, 9.7461,
0.6744

■ 133.7380, 4.0732,
0.2298

Harmonies

Analogous

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



49.0890, 58.6231, -43.0511



28.1040, 56.1507, 3.4168



45.2430, 22.0652, 62.9309

Triad

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



28.1040, 56.1507, 3.4168



34.5300, -17.0233, 46.8932



41.6040, 7.0972, -36.4867

Complementary

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



28.1040, 56.1507, 3.4168



117.8960, -56.1507, -3.4168

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.



34.6330, -17.0741, -30.3731



28.1040, 56.1507, 3.4168



38.9620, -19.2083, 0.9103

Square

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



28.1040, 56.1507, 3.4168



36.1790, -17.8362, 74.3880



32.2850, -15.9165, -28.3139



50.2050, 32.4369, -44.0298

Rectangle

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



28.1040, 56.1507, 3.4168



45.5810, 2.6716, 76.6665



32.2850, -15.9165, -28.3139



39.2100, -2.0755, -34.3872

Sweetspot

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



28.1040, 56.1507, 3.4168



139.4450, 21.9656, 1.3637



84.3020, 28.4451, -70.4249



65.4420, 13.0931, 0.4894



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



28.1040, 56.1507, 3.4168



32.0390, 74.9168, 4.3508



48.7350, 45.9796, 45.8364



65.3960, 2.7628, 0.5297



23.4630, 54.9877, 3.1019



1.5100, 3.1996, 0.4297

Inverse Universe

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



57.8020, 27.7056, 73.8416



71.6600, 36.6496, 98.5222



97.2650, -45.9796, -45.8364



66.7770, 1.5889, 3.7036



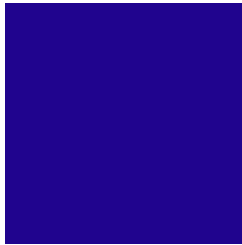
52.6770, 27.2742, 72.1973



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 28.1040, 56.1507, 3.4168 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

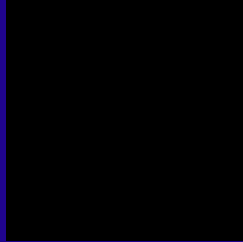
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.1040, 56.1507, 3.4168

Background



This preview shows how black text looks on a background with the YUV color 28.1040, 56.1507, 3.4168.



This preview shows how white text looks on a background with the YUV color 28.1040, 56.1507,

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

28.1040, 56.1507, 3.4168

Protanopia

36.3160, 27.4522, -31.8491

Deuteranopia

36.4810, 20.4689, -31.9938



Tritanopia

35.3920, 8.6807, -31.0388

Trichromacy



Original Color

28.1040, 56.1507, 3.4168

Protanomaly

33.1510, 37.8866, -18.5494

Deuteranomaly

33.2990, 33.3766, -18.6792

Tritanomaly

32.6490, 25.8090, -18.1092

Monochromacy



Original Color

28.1040, 56.1507, 3.4168

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.6900, 20.3658, 1.1489

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.1040, 56.1507, 3.4168 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, 4, 142)` looks like.

```
.text, #text, p{  
    color:rgb(32, 4, 142)  
}
```

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, 4, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 4, 142) }
```

Border

The CSS property to change the border of an element to YUV 28.1040, 56.1507, 3.4168 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, 4, 142) }
```


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

```
.border{ border-color:rgb(32, 4, 142) }
```

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

Here you see how a box with a 4 pixel rgb(32, 4, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 4, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 4, 142);  
box-shadow:4px 4px 4px 4px rgb(32, 4, 142)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.1040, 56.1507, 3.4168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 4, 142) }
```

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

```
.background{ background-color: rgb(32, 4,  
142) }
```

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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