

Converting Colors

YUV(47.6140, 2.1623, 6.4775)

Have a look what the booklet for
YUV(47.6140, 2.1623, 6.4775)
contains.

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Color

**YUV(47.6140, 2.1623,
6.4775)**

Conversions

Conversions Part 1

Format	Color
Hex	372B34
RGB	55, 43, 52
RGB Percent	22%, 17%, 20%
CMY	0.7843, 0.8314, 0.7961
CMYK	0.00, 0.22, 0.05, 0.78
HSL	315°, 12%, 19%
HSV	315°, 22%, 22%
XYZ	3.0593, 2.7879, 3.6257
YIQ	47.6140, 4.2630, 5.3430

Conversions

Conversions Part 2

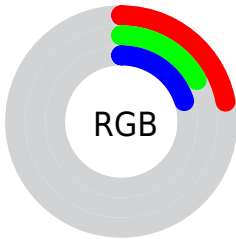
Format	Color
RYB	55, 43, 52
Decimal	3615540
CIELab	19.17, 7.44, -3.70
CIELCh	19, 8.307, 333.554
Yxy	2.7879, 0.3229, 0.2943
Android (android.graphics.Color)	4281805620 (0xFF372B34)
YUV	47.6140, 2.1623, 6.4775
Hunter-Lab	16.6970, 3.4852, -1.1866

Details

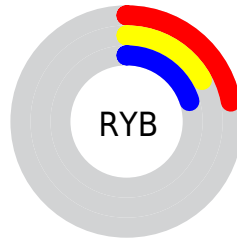
The YUV color **47.6140, 2.1623, 6.4775** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50.3860, -2.1623, -6.4775**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.3260, 2.3043, 7.6071**, and **2.7770, 1.5889, 3.7036** is the 20% darker color. If you saturate the color by 10%, you get **44.5650, 3.1725, 9.1515**, and if you desaturate by 10%, it is **51.2500, 0.8628, 3.2887**.

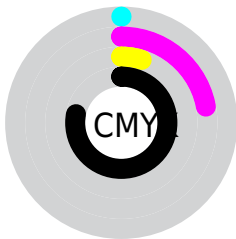
Distribution



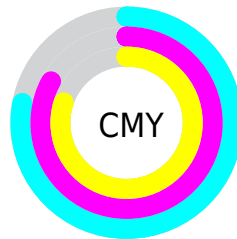
- Red (22%)
- Green (17%)
- Blue (20%)



- Red (22%)
- Yellow (17%)
- Blue (20%)



- Cyan (0%)
- Magenta (22%)
- Yellow (5%)
- Black (78%)



- Cyan (78%)
- Magenta (83%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.6140, 2.1623, 6.4775 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 47.6140, 2.1623, 6.4775 by changing the saturation by 10% instead.

■ 47.6140, 2.1623,
6.4775

■ 47.6140, 2.1623,
6.4775

255.0000, 0.0000,
0.0000

■ 26.6140, 2.1623,
6.4775

■ 93.3260, 2.3043,
7.6071

■ 2.7770, 1.5889,
3.7036

■ 118.3260, 2.3043,
7.6071

■ 0.0000, 0.0000,
0.0000

■ 143.7390, 2.5937,
8.1219

■ 170.7390, 2.5937,
8.1219

■ 197.7390, 2.5937,
8.1219

■ 226.0380, 2.4463,

8.7367

250.8910, 2.0257,
3.6036

47.6140, 2.1623,
6.4775

47.6140, 2.1623,
6.4775

44.5650, 3.1725,
9.1515

51.2500, 0.8628,
3.2887

40.8150, 4.0352,
12.4402

54.4130, 0.2894,
0.5148

37.7660, 5.0454,
15.1142

58.0490, -1.0102,
-2.6740

34.1300, 6.3449,
18.3030

61.2120, -1.5835,
-5.4479

30.9670, 6.9183,
21.0769

64.8480, -2.8831,
-8.6367

■ 27.3310, 8.2178,
24.2657

■ 67.8970, -3.8932,
-11.3107

■ 24.1680, 8.7912,
27.0397

■ 71.6470, -4.7560,
-14.5994

■ 21.1190, 9.8013,
29.7136

■ 74.6960, -5.7661,
-17.2734

■ 78.3320, -7.0657,
-20.4622

Harmonies

Analogous

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



47.2650, 4.7994, 0.6446



47.6140, 2.1623, 6.4775



47.5390, -0.7587, 10.0513

Triad

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



47.6140, 2.1623, 6.4775



45.9420, -5.3944, 3.5589



44.3620, 4.2585, -12.5955

Complementary

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



47.6140, 2.1623, 6.4775



50.3860, -2.1623, -6.4775

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.



44.2760, 1.3429, -10.7661



47.6140, 2.1623, 6.4775



45.4360, -4.6519, -1.2594

Square

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



47.6140, 2.1623, 6.4775



46.6760, -5.2633, 8.1771



44.5000, -1.7255, -6.5775



45.1280, 5.8529, -10.6363

Rectangle

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



47.6140, 2.1623, 6.4775



47.0830, -2.5059, 10.4512



44.5000, -1.7255, -6.5775



44.1340, 3.3849, -12.3955

Sweetspot

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



47.6140, 2.1623, 6.4775



67.9510, 1.0102, 2.6740



45.2650, 4.7994, 0.6446



34.1250, 0.4314, 1.6444



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



47.6140, 2.1623, 6.4775



59.9780, 3.4618, 9.6663



46.9300, -0.4585, 7.0774



26.1250, 0.4314, 1.6444



35.3740, 16.5776, 49.6610



84.1770, 39.3527, 118.2398

Inverse Universe

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



47.6140, 2.1623, 6.4775



59.9780, 3.4618, 9.6663



51.0700, 0.4585, -7.0774



26.1250, 0.4314, 1.6444



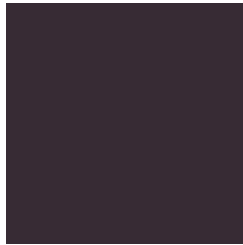
35.3740, 16.5776, 49.6610



84.1770, 39.3527, 118.2398

Previews

White Background



This preview shows how the YUV color 47.6140, 2.1623, 6.4775 looks on a white background.

Color Contrast Check

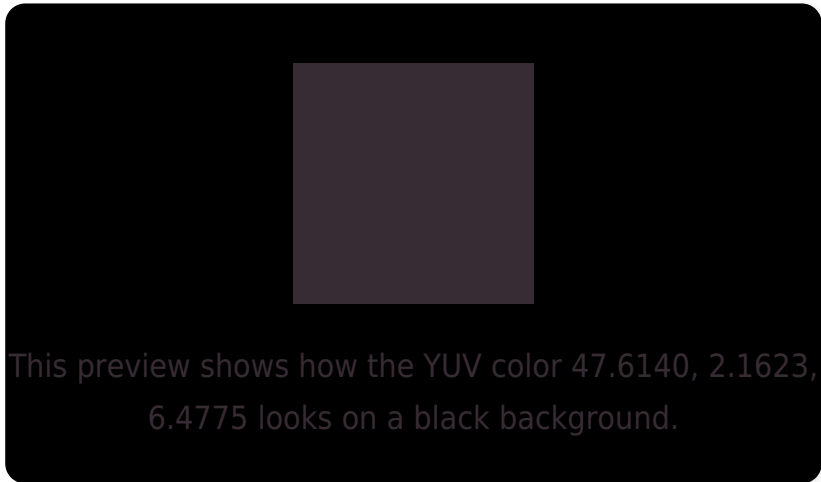
Large Text (above 18pt) WCAG AA ✓ Pass

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

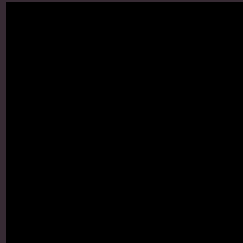
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.6140, 2.1623, 6.4775

Background



This preview shows how black text looks on a background with the YUV color 47.6140, 2.1623, 6.4775.



This preview shows how white text looks on a background with the YUV color 47.6140, 2.1623,

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

47.6140, 2.1623, 6.4775

Protanopia

46.6130, 3.6418, -1.4146

Deuteranopia

46.9940, 2.4680, 1.7593



Tritanopia

47.3320, -0.1637, 5.8478

Trichromacy



Original Color

47.6140, 2.1623, 6.4775

Protanomaly

47.1080, 2.9048, 1.6593

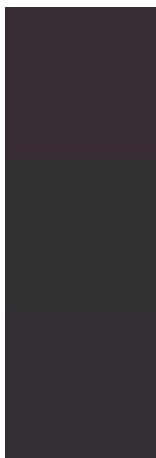
Deuteranomaly

47.0050, 2.4625, 3.5036

Tritanomaly

47.5600, 0.7099, 5.6479

Monochromacy



Original Color

47.6140, 2.1623, 6.4775

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.8370, 0.5734, 2.7740

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.6140, 2.1623, 6.4775 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(55, 43, 52)` looks like.

```
.text, #text, p{  
    color:rgb(55, 43, 52)  
}
```

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(55, 43, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 43, 52) }
```

Border

The CSS property to change the border of an element to YUV 47.6140, 2.1623, 6.4775 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(55, 43, 52) }
```


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

```
.border{ border-color:rgb(55, 43, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 43, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 43, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 43, 52);  
box-shadow:4px 4px 4px 4px rgb(55, 43, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.6140, 2.1623, 6.4775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 43, 52) }
```

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

```
.background{ background-color: rgb(55, 43,  
52) }
```

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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