

Converting Colors

YUV(46.7360, -6.2788, 7.2475)

Have a look what the booklet for
YUV(46.7360, -6.2788, 7.2475)
contains.

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Color

**YUV(46.7360, -6.2788,
7.2475)**

Conversions

Conversions Part 1

Format	Color
Hex	372D22
RGB	55, 45, 34
RGB Percent	22%, 18%, 13%
CMY	0.7843, 0.8235, 0.8667
CMYK	0.00, 0.18, 0.38, 0.78
HSL	31°, 24%, 17%
HSV	31°, 38%, 22%
XYZ	2.8027, 2.8045, 1.9070
YIQ	46.7360, 9.4910, -1.3010

Conversions

Conversions Part 2

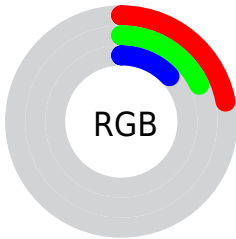
Format	Color
R_{YB}	53, 55, 34
Decimal	3616034
CIE Lab	19.24, 2.56, 8.83
CIE LCh	19, 9.189, 73.820
Yxy	2.8045, 0.3730, 0.3732
Android (android.graphics.Color)	4281806114 (0xFF372D22)
YUV	46.7360, -6.2788, 7.2475
Hunter-Lab	16.7466, 0.5667, 4.9711

Details

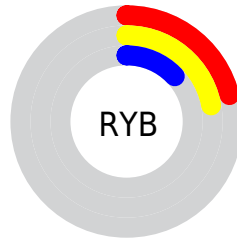
The YUV color **46.7360, -6.2788, 7.2475** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **42.2640, 6.2788, -7.2475**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.8070, -7.2999, 8.0623**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **44.2910, -8.0315, 9.3918**, and if you desaturate by 10%, it is **49.1810, -4.5262, 5.1033**.

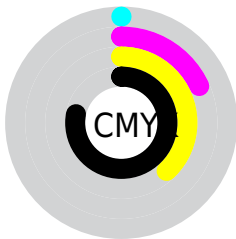
Distribution



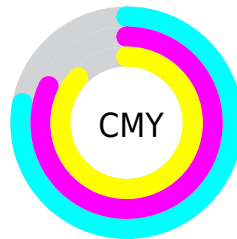
- Red (22%)
- Green (18%)
- Blue (13%)



- Red (21%)
- Yellow (22%)
- Blue (13%)



- Cyan (0%)
- Magenta (18%)
- Yellow (38%)
- Black (78%)



- Cyan (78%)
- Magenta (82%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.7360, -6.2788, 7.2475 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 46.7360, -6.2788, 7.2475 by changing the saturation by 10% instead.

■ 46.7360, -6.2788,
7.2475

■ 46.7360, -6.2788,
7.2475

■ 255.0000, 0.0000,
0.0000

■ 25.6220, -6.7156,
7.3475

■ 92.8070, -7.2999,
8.0623

■ 0.0000, 0.0000,
0.0000

■ 117.1060, -7.4473,
8.6770

■ 143.2910, -8.0315,
9.3918

■ 169.2910, -8.0315,
9.3918

■ 196.5900, -8.1789,
10.0066

■ 224.5900, -8.1789,

10.0066

■ 250.4860, -7.1416,
3.9588

■ 46.7360, -6.2788,
7.2475

■ 46.7360, -6.2788,
7.2475

■ 44.2910, -8.0315,
9.3918

■ 49.1810, -4.5262,
5.1033

■ 42.5470, -9.6367,
10.9213

■ 50.9250, -2.9210,
3.5738

■ 40.1020, -11.3893,
13.0655

■ 53.3700, -1.1684,
1.4295

■ 38.3580, -12.9945,
14.5950

■ 55.1140, 0.4368,
-0.1000

■ 35.9130, -14.7471,
16.7393

■ 57.5590, 2.1894,
-2.2442

■ 33.5820, -16.0629,
18.7836

■ 59.8900, 3.5052,
-4.2885

■ 33.4680, -16.4997,
18.8836

■ 61.7480, 5.5472,
-5.9180

■ 64.0790, 6.8631,
-7.9623

■ 66.5240, 8.6157,
-10.1065

Harmonies

Analogous

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



47.2140, -4.5425, 10.3363



46.7360, -6.2788, 7.2475



45.8170, -5.8258, 1.9145

Triad

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



46.7360, -6.2788, 7.2475



43.7210, 3.0955, -12.9103



47.7600, 4.0623, 3.7185

Complementary

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



46.7360, -6.2788, 7.2475



42.2640, 6.2788, -7.2475

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.



46.6990, 6.5574, -3.2440



46.7360, -6.2788, 7.2475



44.1060, 5.8637, -14.1250

Square

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



46.7360, -6.2788, 7.2475



44.4180, -0.6991, -9.1366



45.0680, 6.8685, -9.7066



47.8100, 1.5727, 8.9366

Rectangle

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



46.7360, -6.2788, 7.2475



45.6100, -5.2307, -2.2890



45.0680, 6.8685, -9.7066



47.6780, 5.0887, 1.1594

Sweetspot

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



46.7360, -6.2788, 7.2475



68.4410, -2.1894, 2.2442



41.4190, 1.2724, 11.9105



33.6690, -1.3158, 2.0443



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.



46.7360, -6.2788, 7.2475



58.5470, -9.6367, 10.9213



52.6060, -9.1728, 2.0995



27.0710, -1.0210, 0.8147



55.6840, -27.4522, 31.8491



132.9860, -65.5621, 75.4343

Inverse Universe

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



42.2640, 6.2788, -7.2475



51.4530, 9.6367, -10.9213



36.3940, 9.1728, -2.0995



26.5160, 0.7316, -1.3295



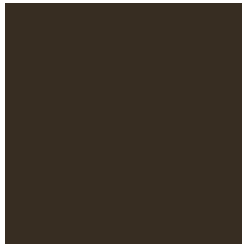
36.3160, 27.4522, -31.8491



86.0140, 65.5621, -75.4343

Previews

White Background



This preview shows how the YUV color 46.7360, -6.2788, 7.2475 looks on a white background.

Color Contrast Check

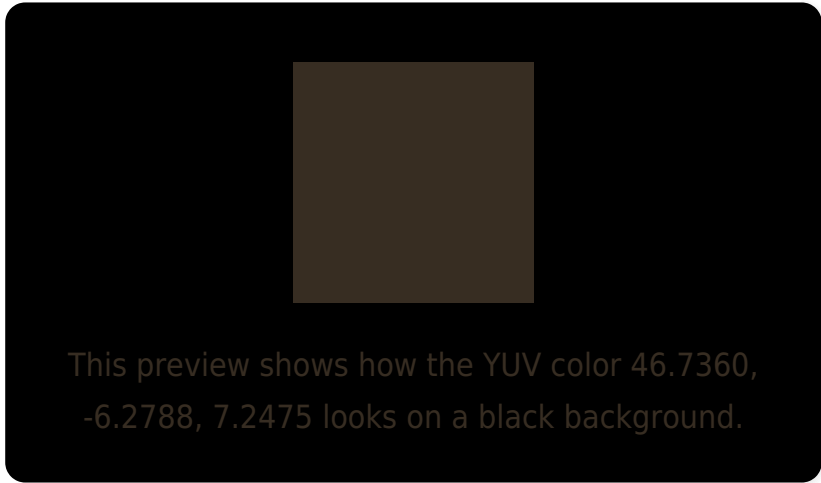
Large Text (above 18pt) WCAG AA ✓ Pass

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

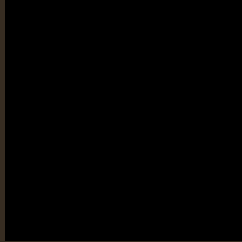
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.7360, -6.2788, 7.2475

Background



This preview shows how black text looks on a background with the YUV color 46.7360, -6.2788, 7.2475.



This preview shows how white text looks on a background with the YUV color 46.7360, -6.2788,

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

46.7360, -6.2788, 7.2475

Protanopia

46.5290, -5.6838, 3.0441

Deuteranopia

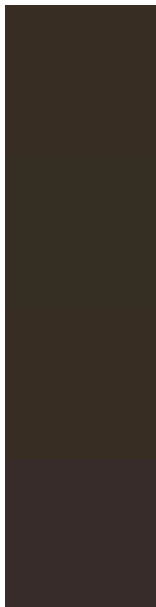
46.7360, -6.2788, 7.2475



Tritanopia

47.3430, -0.1691, 7.5922

Trichromacy



Original Color

46.7360, -6.2788, 7.2475

Protanomaly

46.5400, -5.6892, 4.7884

Deuteranomaly

46.7360, -6.2788, 7.2475

Tritanomaly

47.3600, -2.6425, 7.5773

Monochromacy



Original Color

46.7360, -6.2788, 7.2475

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.7400, -2.3368, 2.8590

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.7360, -6.2788, 7.2475 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, 45, 34)` looks like.

```
.text, #text, p{  
    color:rgb(55, 45, 34)  
}
```

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, 45, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 45, 34) }
```

Border

The CSS property to change the border of an element to YUV 46.7360, -6.2788, 7.2475 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, 45, 34) }
```


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

```
.border{ border-color:rgb(55, 45, 34) }
```

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

Here you see how a box with a 4 pixel rgb(55, 45, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 45, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 45, 34);  
box-shadow:4px 4px 4px 4px rgb(55, 45, 34)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.7360, -6.2788, 7.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 45, 34) }
```

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

```
.background{ background-color: rgb(55, 45,  
34) }
```

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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