

Converting Colors

YUV(40.3620, -2.1505, 36.5165)

Have a look what the booklet for
YUV(40.3620, -2.1505, 36.5165)
contains.

YUV(40.3620, -2.1505, 36.5165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(40.3620, -2.1505,
36.5165)**

Conversions

Conversions Part 1

Format	Color
Hex	521424
RGB	82, 20, 36
RGB Percent	32%, 8%, 14%
CMY	0.6784, 0.9216, 0.8588
CMYK	0.00, 0.76, 0.56, 0.68
HSL	345°, 61%, 20%
HSV	345°, 76%, 32%
XYZ	4.0483, 2.4215, 1.9231
YIQ	40.3620, 31.8160, 18.1200

Conversions

Conversions Part 2

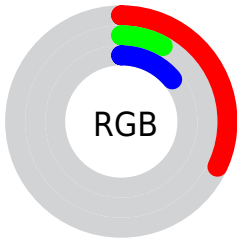
Format	Color
R_{YB}	82, 20, 36
Decimal	5379108
CIE Lab	17.56, 29.96, 5.78
CIE LCh	18, 30.512, 10.915
Yxy	2.4215, 0.4823, 0.2885
Android (android.graphics.Color)	4283569188 (0xFF521424)
YUV	40.3620, -2.1505, 36.5165
Hunter-Lab	15.5612, 19.2047, 3.5657

Details

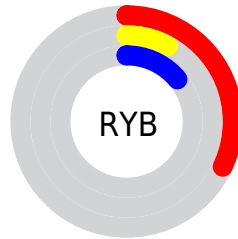
The YUV color **40.3620, -2.1505, 36.5165** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **61.6380, 2.1505, -36.5165**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.4010, -4.6347, 39.9903**, and **9.9810, -4.4276, 20.1877** is the 20% darker color. If you saturate the color by 10%, you get **34.9820, -2.4561, 41.2348**, and if you desaturate by 10%, it is **45.7420, -1.8448, 31.7983**.

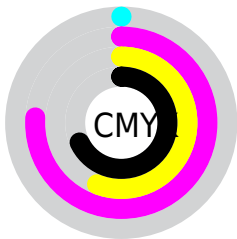
Distribution



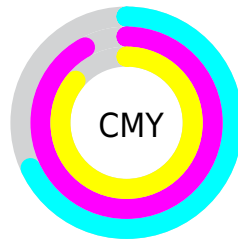
- Red (32%)
- Green (8%)
- Blue (14%)



- Red (32%)
- Yellow (8%)
- Blue (14%)



- Cyan (0%)
- Magenta (76%)
- Yellow (56%)
- Black (68%)



- Cyan (68%)
- Magenta (92%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.3620, -2.1505, 36.5165 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 40.3620, -2.1505, 36.5165 by changing the saturation by 10% instead.

■ 40.3620, -2.1505,
36.5165

■ 40.3620, -2.1505,
36.5165

255.0000, 0.0000,
0.0000

■ 18.7530, -1.8502,
33.5426

■ 89.4010, -4.6347,
39.9903

■ 9.9810, -4.4276,
20.1877

■ 114.2980, -5.0769,
41.8347

■ 0.0000, 0.0000,
0.0000

■ 140.7820, -5.8085,
43.1642


■ 167.6790, -6.2507,
45.0085


■ 195.2770, -6.5456,
46.2381


■ 216.4110, -3.1606,


33.8426


 236.6260, 0.6774,
16.1140


 40.3620, -2.1505,
36.5165


 40.3620, -2.1505,
36.5165


 34.9820, -2.4561,
41.2348


 45.7420, -1.8448,
31.7983


 29.6020, -2.7618,
45.9530

 51.1220, -1.5391,
27.0800

 26.9120, -2.9146,
48.3122

 57.0890, -1.5229,
21.8469

 62.4690, -1.2172,
17.1287

 67.8490, -0.9116,
12.4104

■ 73.3430, -0.1691,
7.5922

■ 78.7230, 0.1366,
2.8739

■ 84.6900, 0.1528,
-2.3591

■ 90.0700, 0.4585,
-7.0774

Harmonies

Analogous

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



42.5380, 7.6228, 28.4692



40.3620, -2.1505, 36.5165



40.8810, -12.7593, 32.5534

Triad

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



40.3620, -2.1505, 36.5165



36.3840, -15.9653, -12.6148



38.4530, 22.9477, -33.7233

Complementary

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



40.3620, -2.1505, 36.5165



61.6380, 2.1505, -36.5165

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.



38.6180, 15.9643, -33.8680



40.3620, -2.1505, 36.5165



33.7160, -2.8180, -29.5689

Square

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



40.3620, -2.1505, 36.5165



39.8810, -19.6613, 6.2434



36.9250, 6.9390, -32.3832



35.6430, 24.8260, -29.5049

Rectangle

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



40.3620, -2.1505, 36.5165



40.8880, -20.1578, 25.5312



36.9250, 6.9390, -32.3832



39.1710, 20.6217, -34.3530

Sweetspot

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



40.3620, -2.1505, 36.5165



90.2730, -0.6276, 14.6696



40.5230, 20.4482, 21.4663



43.8270, -0.9007, 8.9217



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



40.3620, -2.1505, 36.5165



41.8530, -3.3785, 57.1339



46.7560, -13.1907, 30.9090



38.3100, -0.1528, 2.3591



34.4730, -3.6842, 61.8522



76.2080, -7.9905, 136.6296

Inverse Universe

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



40.3620, -2.1505, 36.5165



41.8530, -3.3785, 57.1339



55.2440, 13.1907, -30.9090



38.3100, -0.1528, 2.3591



34.4730, -3.6842, 61.8522



76.2080, -7.9905, 136.6296

Previews

White Background



This preview shows how the YUV color 40.3620, -2.1505, 36.5165 looks on a white background.

Color Contrast Check

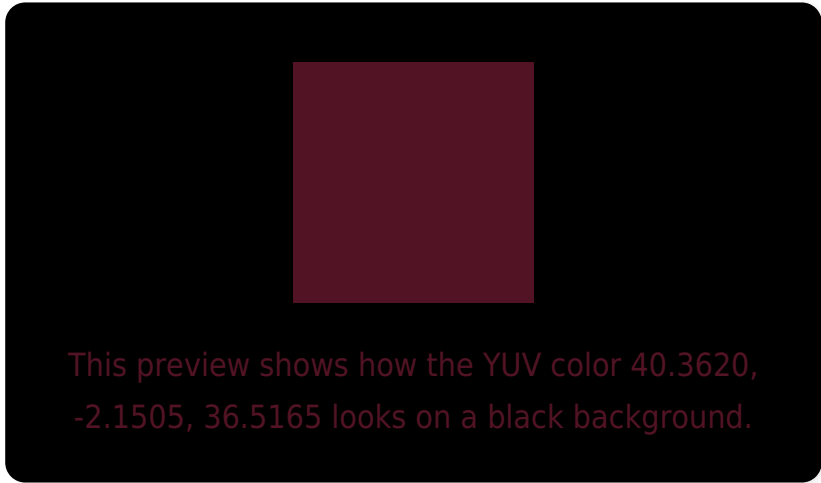
Large Text (above 18pt) WCAG AA ✓ Pass

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

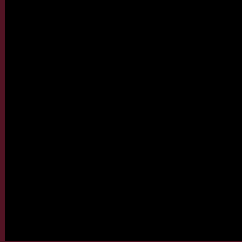
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.3620, -2.1505, 36.5165

Background



This preview shows how black text looks on a background with the YUV color 40.3620, -2.1505, 36.5165.



This preview shows how white text looks on a background with the YUV color 40.3620, -2.1505,

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

40.3620, -2.1505, 36.5165

Protanopia

45.3420, 1.3104, -0.2999

Deuteranopia

44.8500, -5.8421, 7.1475



Tritanopia

40.4560, -8.1128, 35.5571

Trichromacy



Original Color

40.3620, -2.1505, 36.5165

Protanomaly

43.4900, 0.2514, 12.7253

Deuteranomaly

43.5570, -4.7116, 17.9285

Tritanomaly

40.3250, -6.0762, 35.6720

Monochromacy



Original Color

40.3620, -2.1505, 36.5165

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.2620, -0.6222, 12.9252

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.3620, -2.1505, 36.5165 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(82, 20, 36)` looks like.

```
.text, #text, p{  
    color:rgb(82, 20, 36)  
}
```

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(82, 20, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 20, 36) }
```

Border

The CSS property to change the border of an element to YUV 40.3620, -2.1505, 36.5165 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(82, 20, 36) }
```


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

```
.border{ border-color:rgb(82, 20, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 20, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 20, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 20, 36);  
box-shadow:4px 4px 4px 4px rgb(82, 20, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.3620, -2.1505, 36.5165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 20, 36) }
```

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

```
.background{ background-color: rgb(82, 20,  
36) }
```

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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