

Converting Colors

YUV(32.1290, -8.9376, 20.0579)

Have a look what the booklet for
YUV(32.1290, -8.9376, 20.0579)
contains.

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Color

**YUV(32.1290, -8.9376,
20.0579)**

Conversions

Conversions Part 1

Format	Color
Hex	37180E
RGB	55, 24, 14
RGB Percent	22%, 9%, 5%
CMY	0.7843, 0.9059, 0.9451
CMYK	0.00, 0.56, 0.75, 0.78
HSL	15°, 59%, 14%
HSV	15°, 75%, 22%
XYZ	1.9814, 1.4972, 0.6000
YIQ	32.1290, 21.6860, 3.4620

Conversions

Conversions Part 2

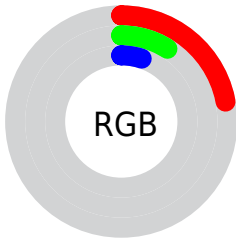
Format	Color
R_{YB}	55, 27, 14
Decimal	3610638
CIE Lab	12.59, 14.38, 13.12
CIE LCh	13, 19.467, 42.394
Yxy	1.4972, 0.4858, 0.3671
Android (android.graphics.Color)	4281800718 (0xFF37180E)
YUV	32.1290, -8.9376, 20.0579
Hunter-Lab	12.2360, 7.4925, 5.6578




Details

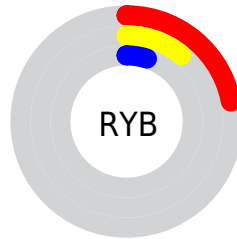
The YUV color **32.1290, -8.9376, 20.0579** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **36.8710, 8.9376, -20.0579**, and the grayscale version is **32.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **77.5100, -10.1114, 23.2317**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.2110, -9.9640, 22.6170**, and if you desaturate by 10%, it is **35.0470, -7.9112, 17.4988**.

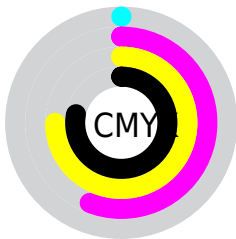
Distribution







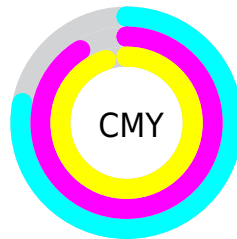
-  Red (22%)
-  Green (9%)
-  Blue (5%)






-  Red (22%)
-  Yellow (11%)
-  Blue (5%)



-  Cyan (0%)
-  Magenta (56%)
-  Yellow (75%)
-  Black (78%)



-  Cyan (78%)
-  Magenta (91%)
-  Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.1290, -8.9376, 20.0579 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 32.1290, -8.9376, 20.0579 by changing the saturation by 10% instead.

■ 32.1290, -8.9376,
20.0579

■ 32.1290, -8.9376,
20.0579

■ 251.3010, -6.5574,
3.2440

■ 10.1660, -5.0118,
20.9024

■ 77.5100, -10.1114,
23.2317

■ 0.0000, 0.0000,
0.0000

■ 101.4070,
-10.5537, 25.0761


■ 126.8910,
-11.2853, 26.4056


■ 153.3750,
-12.0169, 27.7351


■ 179.9730,
-12.3117, 28.9647


■ 207.5710,


-12.6065, 30.1942


 230.9720,
-10.8322, 21.0726


 32.1290, -8.9376,
20.0579


 32.1290, -8.9376,
20.0579


 29.2110, -9.9640,
22.6170


 35.0470, -7.9112,
17.4988


 26.1790, -11.4272,
25.2760

 38.0790, -6.4479,
14.8397

 24.0760, -11.8695,
27.1203

 40.9970, -5.4215,
12.2806

 44.6160, -4.2477,
9.1068

 47.6480, -2.7845,
6.4477

■ 50.5660, -1.7580,
3.8886

■ 53.5980, -0.2948,
1.2296

■ 56.5160, 0.7316,
-1.3295

■ 59.5480, 2.1948,
-3.9886

Harmonies

Analogous

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



32.8610, -2.3965, 22.0469



32.1290, -8.9376, 20.0579



31.1900, -14.8837, 13.8654

Triad

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



32.1290, -8.9376, 20.0579



25.6290, -0.8031, -22.4766



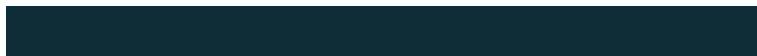
31.1910, 13.7098, -10.6915

Complementary

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



32.1290, -8.9376, 20.0579



36.8710, 8.9376, -20.0579

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.



27.7440, 14.9162, -24.3315



32.1290, -8.9376, 20.0579



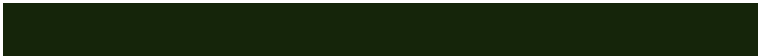
27.2250, 5.3121, -23.8763

Square

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



32.1290, -8.9376, 20.0579



29.1380, -9.4350, -7.1370



28.5930, 10.5537, -25.0761



34.1500, 9.2931, 6.0075

Rectangle

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



32.1290, -8.9376, 20.0579



30.7440, -15.1568, 8.1175



28.5930, 10.5537, -25.0761



28.8910, 15.3367, -19.1984

Sweetspot

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



32.1290, -8.9376, 20.0579



62.8330, -3.3687, 7.1625



29.7930, 7.4971, 22.1065



30.7510, -2.3422, 4.6034



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.



32.1290, -8.9376, 20.0579



35.6420, -13.6275, 31.0090



43.8690, -14.7254, 9.7619



26.4840, -0.7316, 1.3295



40.4220, -19.9280, 45.2339



96.5920, -47.6199, 107.3518

Inverse Universe

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



36.8710, 8.9376, -20.0579



43.3580, 13.6275, -31.0090



25.1310, 14.7254, -9.7619



26.5160, 0.7316, -1.3295



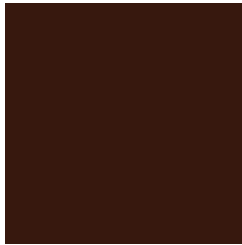
50.9910, 20.2174, -44.7191



122.4080, 47.6199, -107.3518

Previews

White Background



This preview shows how the YUV color 32.1290, -8.9376, 20.0579 looks on a white background.

Color Contrast Check

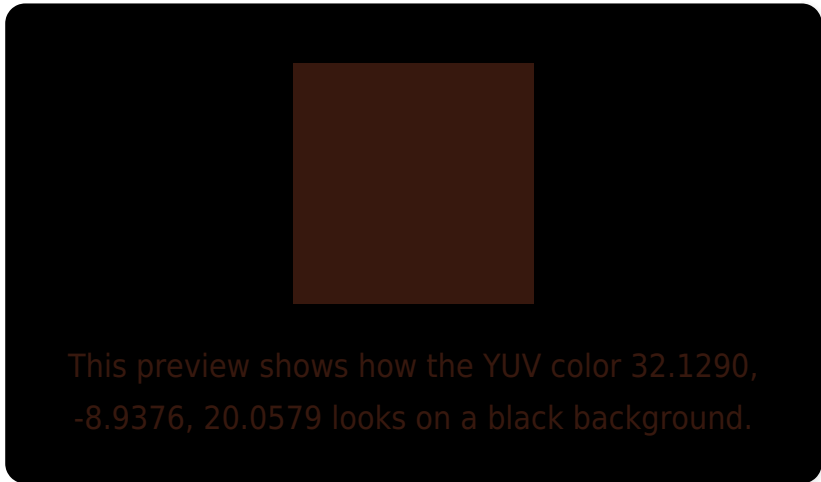
Large Text (above 18pt) WCAG AA ✓ Pass

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

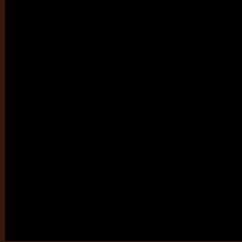
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.1290, -8.9376, 20.0579

Background



This preview shows how black text looks on a background with the YUV color 32.1290, -8.9376, 20.0579.

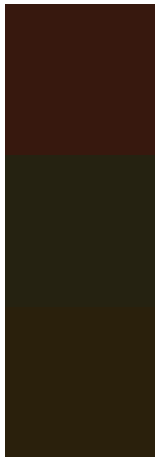


This preview shows how white text looks on a background with the YUV color 32.1290, -8.9376,

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

32.1290, -8.9376, 20.0579

Protanopia

32.9590, -7.8678, 3.5440

Deuteranopia

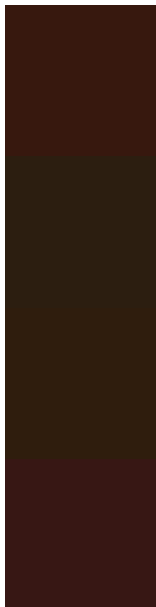
32.7100, -10.2100, 8.1473



Tritanopia

32.6820, -4.2802, 19.5729

Trichromacy



Original Color

32.1290, -8.9376, 20.0579

Protanomaly

32.5900, -8.1789, 10.0066

Deuteranomaly

32.5580, -9.6421, 12.6656

Tritanomaly

32.2260, -6.0274, 19.9728

Monochromacy



Original Color

32.1290, -8.9376, 20.0579

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.8330, -3.3687, 7.1625

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.1290, -8.9376, 20.0579 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, 24, 14)` looks like.

```
.text, #text, p{  
    color:rgb(55, 24, 14)  
}
```

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, 24, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 24, 14) }
```

Border

The CSS property to change the border of an element to YUV 32.1290, -8.9376, 20.0579 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, 24, 14) }
```


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

```
.border{ border-color:rgb(55, 24, 14) }
```

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

Here you see how a box with a 4 pixel rgb(55, 24, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 24, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 24, 14);  
box-shadow:4px 4px 4px 4px rgb(55, 24, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.1290, -8.9376, 20.0579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 24, 14) }
```

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

```
.background{ background-color: rgb(55, 24,  
14) }
```

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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