

Converting Colors

YUV(32.6510, 9.5391, 20.4771)

Have a look what the booklet for
YUV(32.6510, 9.5391, 20.4771)
contains.

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Color

**YUV(32.6510, 9.5391,
20.4771)**

Conversions

Conversions Part 1

Format	Color
Hex	381134
RGB	56, 17, 52
RGB Percent	22%, 7%, 20%
CMY	0.7804, 0.9333, 0.7961
CMYK	0.00, 0.70, 0.07, 0.78
HSL	306°, 53%, 14%
HSV	306°, 70%, 22%
XYZ	2.4512, 1.4896, 3.4071
YIQ	32.6510, 12.0090, 19.1530

Conversions

Conversions Part 2

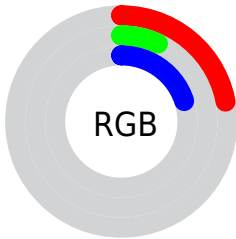
Format	Color
RYB	56, 17, 52
Decimal	3674420
CIELab	12.54, 24.70, -13.81
CIELCh	13, 28.299, 330.781
Yxy	1.4896, 0.3336, 0.2027
Android (android.graphics.Color)	4281864500 (0xFF381134)
YUV	32.6510, 9.5391, 20.4771
Hunter-Lab	12.2049, 14.4907, -8.0082

Details

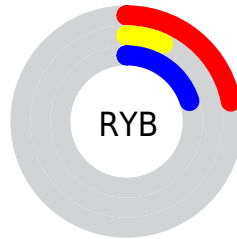
The YUV color **32.6510, 9.5391, 20.4771** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **40.3490, -9.5391, -20.4771**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.0750, 9.8230, 22.7362**, and **0.2280, 0.8736, -0.2000** is the 20% darker color. If you saturate the color by 10%, you get **29.0150, 10.8386, 23.6658**, and if you desaturate by 10%, it is **36.2870, 8.2395, 17.2883**.

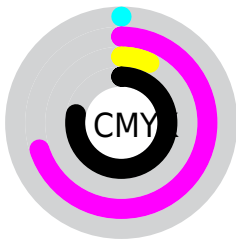
Distribution



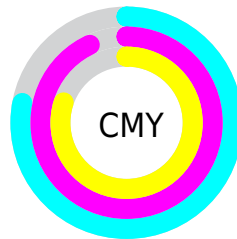
- Red (22%)
- Green (7%)
- Blue (20%)



- Red (22%)
- Yellow (7%)
- Blue (20%)



- Cyan (0%)
- Magenta (70%)
- Yellow (7%)
- Black (78%)



- Cyan (78%)
- Magenta (93%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.6510, 9.5391, 20.4771 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 32.6510, 9.5391, 20.4771 by changing the saturation by 10% instead.

■ 32.6510, 9.5391,
20.4771

■ 32.6510, 9.5391,
20.4771

■ 250.3040, 2.3151,
4.1184

■ 14.2980, 8.2341,
19.0327

■ 79.0750, 9.8230,
22.7362

■ 0.2280, 0.8736,
-0.2000

■ 103.4880, 10.1124,
23.2510

■ 0.0000, 0.0000,
0.0000


■ 129.0860, 9.8176,
24.4806


■ 154.9120, 10.3964,
25.5102


■ 182.3250, 10.6858,
26.0250


■ 209.7380, 10.9752,

26.5398


 233.2810, 10.7075,
19.0476


 32.6510, 9.5391,
20.4771


 32.6510, 9.5391,
20.4771

 29.0150, 10.8386,
23.6658


 36.2870, 8.2395,
17.2883


 26.0800, 12.2856,
26.2398

 39.2220, 6.7926,
14.7143

 22.4440, 13.5851,
29.4286

 42.8580, 5.4930,
11.5255

 45.7930, 4.0461,
8.9515

 49.4290, 2.7465,
5.7628

■ 52.9510, 1.0102,
2.6740

■ 56.0000, 0.0000,
0.0000

■ 59.6360, -1.2995,
-3.1888

■ 62.5710, -2.7465,
-5.7628

Harmonies

Analogous

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



32.9410, 16.2981, -0.8253



32.6510, 9.5391, 20.4771



29.3660, 1.7916, 32.1280

Triad

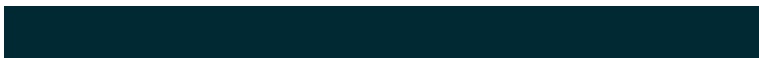
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.6510, 9.5391, 20.4771



31.0430, -15.3042, 8.7323



29.9950, 10.8485, -26.3056

Complementary

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



32.6510, 9.5391, 20.4771



40.3490, -9.5391, -20.4771

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.



27.8290, 2.5493, -24.4060



32.6510, 9.5391, 20.4771



28.5960, -14.0978, -4.9077

Square

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



32.6510, 9.5391, 20.4771



31.1310, -15.3476, 22.6871



24.6200, -7.2077, -21.5917



30.5310, 17.9792, -26.7757

Rectangle

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



32.6510, 9.5391, 20.4771



29.3570, -4.6130, 33.0129



24.6200, -7.2077, -21.5917



29.3110, 8.2277, -25.7057

Sweetspot

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



32.6510, 9.5391, 20.4771



64.3800, 3.7567, 8.4367



22.6420, 16.4455, -1.4400



32.6030, 2.1677, 4.7332



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



32.6510, 9.5391, 20.4771



36.9220, 15.3215, 32.5174



30.4850, 1.2399, 22.3767



26.2390, 0.8682, 1.5444



36.8560, 22.2560, 48.3613



87.9390, 53.7671, 114.9405

Inverse Universe

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



32.6510, 9.5391, 20.4771



36.9220, 15.3215, 32.5174



42.5150, -1.2399, -22.3767



26.2390, 0.8682, 1.5444



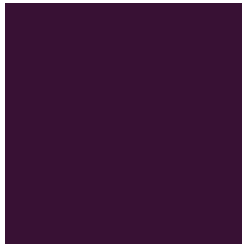
36.8560, 22.2560, 48.3613



87.9390, 53.7671, 114.9405

Previews

White Background



This preview shows how the YUV color 32.6510, 9.5391, 20.4771 looks on a white background.

Color Contrast Check

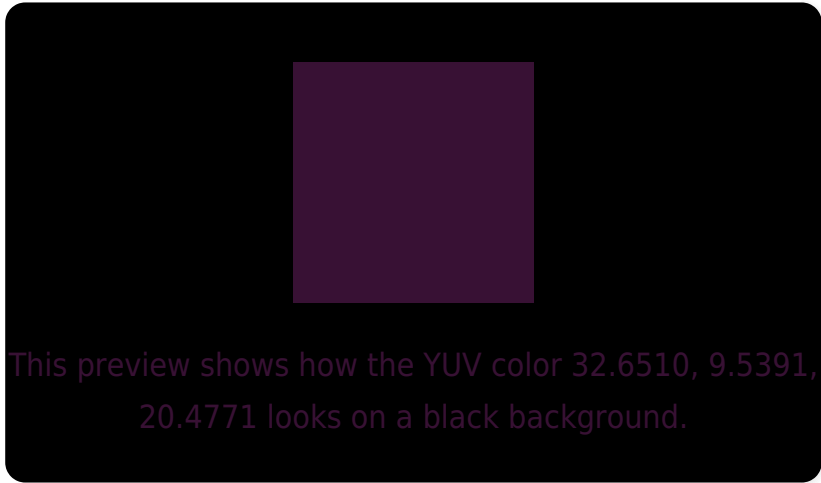
Large Text (above 18pt) WCAG AA ✓ Pass

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

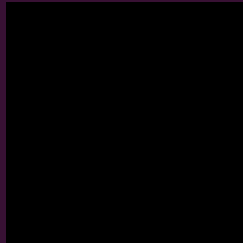
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.6510, 9.5391, 20.4771

Background



This preview shows how black text looks on a background with the YUV color 32.6510, 9.5391, 20.4771.



This preview shows how white text looks on a background with the YUV color 32.6510, 9.5391,

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

32.6510, 9.5391, 20.4771

Protanopia

31.0810, 17.2151, -14.9800

Deuteranopia

33.9160, 7.4364, -5.1883



Tritanopia

33.6000, -3.2538, 17.0138

Trichromacy



Original Color

32.6510, 9.5391, 20.4771

Protanomaly

31.4740, 14.5563, -2.1697

Deuteranomaly

33.4980, 8.1355, 3.9483

Tritanomaly

33.1640, 1.3981, 18.2732

Monochromacy



Original Color

32.6510, 9.5391, 20.4771

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.6680, 3.6147, 7.3072

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.6510, 9.5391, 20.4771 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(56, 17, 52)` looks like.

```
.text, #text, p{  
    color:rgb(56, 17, 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(56, 17, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 17, 52) }
```

Border

The CSS property to change the border of an element to YUV 32.6510, 9.5391, 20.4771 is called "border". The border property can be set on classes, ids or directly on the HTML element.

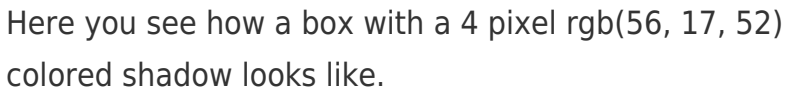
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(56, 17, 52) }
```


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

```
.border{ border-color:rgb(56, 17, 52) }
```

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



Here you see how a box with a 4 pixel `rgb(56, 17, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 17, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 17, 52);  
box-shadow:4px 4px 4px 4px rgb(56, 17, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.6510, 9.5391, 20.4771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 17, 52) }
```

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

```
.background{ background-color: rgb(56, 17,  
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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