

Converting Colors

YUV(49.6220, 10.0464, -2.2995)

Have a look what the booklet for
YUV(49.6220, 10.0464, -2.2995)
contains.

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Color

**YUV(49.6220, 10.0464,
-2.2995)**

Conversions

Conversions Part 1

Format	Color
Hex	2F2F46
RGB	47, 47, 70
RGB Percent	18%, 18%, 27%
CMY	0.8157, 0.8157, 0.7255
CMYK	0.33, 0.33, 0.00, 0.73
HSL	240°, 20%, 23%
HSV	240°, 33%, 27%
XYZ	3.2943, 3.0796, 6.2151
YIQ	49.6220, -7.3830, 7.1530

Conversions

Conversions Part 2

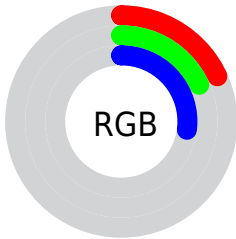
Format	Color
R_YB	47, 47, 70
Decimal	3092294
CIE Lab	20.36, 6.30, -14.32
CIE LCh	20, 15.641, 293.745
Yxy	3.0796, 0.2617, 0.2446
Android (android.graphics.Color)	4281282374 (0xFF2F2F46)
YUV	49.6220, 10.0464, -2.2995
Hunter-Lab	17.5487, 2.7984, -8.7144

Details

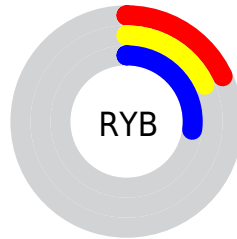
The YUV color **49.6220, 10.0464, -2.2995** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **67.3780, -10.0464, 2.2995**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.1490, 10.7725, -1.8847**, and **3.3770, 11.6461, -2.0846** is the 20% darker color. If you saturate the color by 10%, you get **43.4200, 13.1039, -2.9993**, and if you desaturate by 10%, it is **55.8240, 6.9888, -1.5996**.

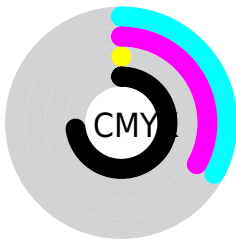
Distribution



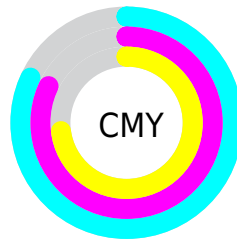
- Red (18%)
- Green (18%)
- Blue (27%)



- Red (18%)
- Yellow (18%)
- Blue (27%)



- Cyan (33%)
- Magenta (33%)
- Yellow (0%)
- Black (73%)



- Cyan (82%)
- Magenta (82%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.6220, 10.0464, -2.2995 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 49.6220, 10.0464, -2.2995 by changing the saturation by 10% instead.

■ 49.6220, 10.0464,
-2.2995

■ 49.6220, 10.0464,
-2.2995

255.0000, 0.0000,
0.0000

■ 28.2090, 9.7570,
-2.8143

■ 96.1490, 10.7725,
-1.8847

■ 3.3770, 11.6461,
-2.0846

■ 120.6760, 11.4987,
-1.4699

■ 0.0000, 0.0000,
0.0000

■ 146.4910, 12.0829,
-2.1846

■ 172.9040, 12.3723,
-1.6698

■ 200.6050, 12.5197,
-2.2846

■ 228.7190, 12.9565,

-2.3846

253.8260, 0.5788,
1.0296

■ 49.6220, 10.0464,
-2.2995

■ 49.6220, 10.0464,
-2.2995

■ 43.4200, 13.1039,
-2.9993

■ 55.8240, 6.9888,
-1.5996

■ 37.2180, 16.1615,
-3.6992

■ 62.0260, 3.9312,
-0.8998

■ 31.0160, 19.2191,
-4.3990

■ 68.2280, 0.8736,
-0.2000

■ 24.8140, 22.2767,
-5.0989

■ 74.4300, -2.1840,
0.4999

■ 18.6120, 25.3343,
-5.7987

■ 80.6320, -5.2416,
1.1997

■ 12.4100, 28.3919,
-6.4986

■ 86.8340, -8.2992,
1.8996

■ 7.9800, 30.5759,
-6.9985

■ 93.0360, -11.3567,
2.5994

■ 99.2380, -14.4143,
3.2993

■ 105.4400,
-17.4719, 3.9991

Harmonies

Analogous

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



46.8160, 12.4157, -15.6246



49.6220, 10.0464, -2.2995



50.6620, 6.0826, 9.0664

Triad

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



49.6220, 10.0464, -2.2995



49.3950, -9.0687, 15.4396



43.2100, 1.3755, -21.2322

Complementary

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



49.6220, 10.0464, -2.2995



67.3780, -10.0464, 2.2995

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.



45.8540, -5.3510, -10.3960



49.6220, 10.0464, -2.2995



48.7810, -11.2310, 8.9621

Square

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



49.6220, 10.0464, -2.2995



49.8560, -4.8590, 18.5433



47.1820, -9.4567, -0.1596



40.3920, 8.6807, -31.0388

Rectangle

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



49.6220, 10.0464, -2.2995



50.7830, 2.5720, 15.0993



47.1820, -9.4567, -0.1596



44.2490, -1.1088, -17.7584

Sweetspot

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



49.6220, 10.0464, -2.2995



84.0260, 3.9312, -0.8998



63.1230, 3.3904, -14.1399



40.6840, 2.6208, -0.5999



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



49.6220, 10.0464, -2.2995



60.1040, 15.7247, -3.5992



53.2100, 8.2775, 5.0778



32.4560, 1.7472, -0.3999



11.2860, 43.2430, -9.8978



25.8780, 99.1531, -22.6950

Inverse Universe

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



56.4990, 6.6560, 11.8404



70.8680, 10.4181, 18.5328



64.0890, -8.4249, -4.4631



33.6520, 1.1576, 2.0592



40.8870, 28.6497, 50.9651



93.7510, 65.6918, 116.8594

Previews

White Background



This preview shows how the YUV color 49.6220, 10.0464, -2.2995 looks on a white background.

Color Contrast Check

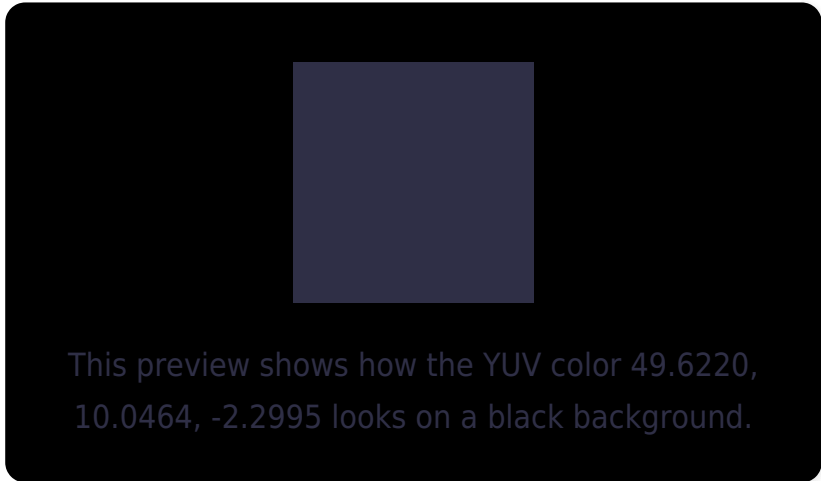
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.6220, 10.0464, -2.2995

Background



This preview shows how black text looks on a background with the YUV color 49.6220, 10.0464, -2.2995.



This preview shows how white text looks on a background with the YUV color 49.6220, 10.0464,

-2.2995.

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

49.6220, 10.0464, -2.2995

Protanopia

48.8280, 10.9308, -5.9882

Deuteranopia

49.3010, 10.2046, -6.4030



Tritanopia

48.6620, 2.6316, -4.0886

Trichromacy



Original Color

49.6220, 10.0464, -2.2995

Protanomaly

49.4260, 10.6360, -4.7586

Deuteranomaly

49.3120, 10.1992, -4.6586

Tritanomaly

49.0580, 5.3944, -3.5589

Monochromacy



Original Color

49.6220, 10.0464, -2.2995

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.9120, 3.4944, -0.7998

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.6220, 10.0464, -2.2995 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(47, 47, 70)` looks like.

```
.text, #text, p{  
    color:rgb(47, 47, 70)  
}
```

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(47, 47, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 47, 70) }
```

Border

The CSS property to change the border of an element to YUV 49.6220, 10.0464, -2.2995 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(47, 47, 70) }
```


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

```
.border{ border-color:rgb(47, 47, 70) }
```

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

Here you see how a box with a 4 pixel rgb(47, 47, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 47, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 47, 70);  
box-shadow:4px 4px 4px 4px rgb(47, 47, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.6220, 10.0464, -2.2995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 47, 70) }
```

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

```
.background{ background-color: rgb(47, 47,  
70) }
```

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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