

Converting Colors

YUV(55.1620, 34.4301,
-29.9601)

Have a look what the booklet for
YUV(55.1620, 34.4301, -29.9601)
contains.

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Color

**YUV(55.1620, 34.4301,
-29.9601)**

Conversions

Conversions Part 1

Format	Color
Hex	153B7D
RGB	21, 59, 125
RGB Percent	8%, 23%, 49%
CMY	0.9176, 0.7686, 0.5098
CMYK	0.83, 0.53, 0.00, 0.51
HSL	218°, 71%, 29%
HSV	218°, 83%, 49%
XYZ	5.5749, 4.7680, 20.0285
YIQ	55.1620, -43.8340, 12.4700

Conversions

Conversions Part 2

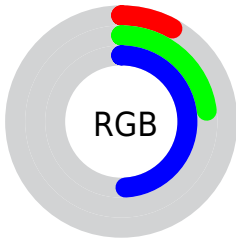
Format	Color
R_{YB}	21, 49, 125
Decimal	1391485
CIE _{Lab}	26.06, 12.96, -41.22
CIE _{LCh}	26, 43.210, 287.455
Yxy	4.7680, 0.1836, 0.1570
Android (android.graphics.Color)	4279581565 (0xFF153B7D)
YUV	55.1620, 34.4301, -29.9601
Hunter-Lab	21.8358, 7.3601, -39.0977

Details

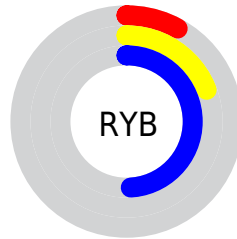
The YUV color **55.1620, 34.4301, -29.9601** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **90.8380, -34.4301, 29.9601**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.3310, 34.8398, -21.3383**, and **19.1160, 27.5508, -16.7647** is the 20% darker color. If you saturate the color by 10%, you get **46.5790, 38.6616, -33.8338**, and if you desaturate by 10%, it is **63.7450, 30.1987, -26.0864**.

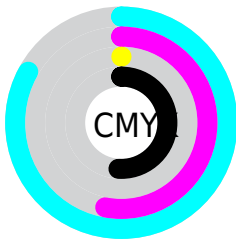
Distribution



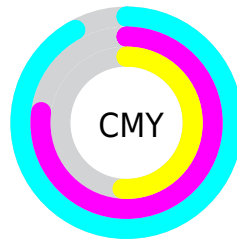
- Red (8%)
- Green (23%)
- Blue (49%)



- Red (8%)
- Yellow (19%)
- Blue (49%)



- Cyan (83%)
- Magenta (53%)
- Yellow (0%)
- Black (51%)



- Cyan (92%)
- Magenta (77%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.1620, 34.4301, -29.9601 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 55.1620, 34.4301, -29.9601 by changing the saturation by 10% instead.

■ 55.1620, 34.4301,
-29.9601

■ 55.1620, 34.4301,
-29.9601

■ 255.0000, 0.0000,
0.0000

■ 33.7060, 32.6829,
-29.5602

■ 107.3310, 34.8398,
-21.3383

■ 19.1160, 27.5508,
-16.7647

■ 133.5700, 35.7080,
-19.7939

■ 8.2760, 21.5559,
-7.2581

■ 160.3960, 36.2868,
-18.7643

■ 4.5940, 12.5252,
-4.0289

■ 186.4240, 33.8080,
-17.0348

■ 0.0000, 0.0000,
0.0000

■ 211.2320, 21.5776,
-14.2355

■ 236.3390, 9.1999,

-10.8213

254.7010, 0.1474,
-0.6148

■ 55.1620, 34.4301,
-29.9601

■ 55.1620, 34.4301,
-29.9601

■ 46.5790, 38.6616,
-33.8338

■ 63.7450, 30.1987,
-26.0864

■ 41.2520, 41.2878,
-36.1780

■ 72.0290, 26.1147,
-22.8274

■ 80.6120, 21.8833,
-18.9537

■ 88.8960, 17.7993,
-15.6948

■ 97.1800, 13.7153,
-12.4359

■ 105.7630, 9.4838,
-8.5622

■ 114.3460, 5.2524,
-4.6884

■ 122.0430, 1.4578,
-0.9147

■ 130.6260, -2.7736,
2.9590

Harmonies

Analogous

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



55.4540, 34.7792, -48.6332



55.1620, 34.4301, -29.9601



63.1530, 21.6166, 20.0368

Triad

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



55.1620, 34.4301, -29.9601



57.5530, -21.9646, 45.1190



49.2690, -1.6116, -43.2089

Complementary

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



55.1620, 34.4301, -29.9601



90.8380, -34.4301, 29.9601

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.



46.8070, -17.6529, -31.4027



55.1620, 34.4301, -29.9601



58.5970, -28.8883, 25.7864

Square

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



55.1620, 34.4301, -29.9601



55.2720, -5.5571, 55.8895



56.0840, -27.6494, 1.6803



53.8460, 13.3869, -47.2229

Rectangle

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



55.1620, 34.4301, -29.9601



59.9230, 13.8420, 40.4095



56.0840, -27.6494, 1.6803



48.0150, -6.4164, -42.1092

Sweetspot

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



55.1620, 34.4301, -29.9601



135.4790, 13.5679, -11.8211



89.5720, -1.2680, -60.1376



65.1330, 8.3154, -7.1326



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



55.1620, 34.4301, -29.9601



53.8020, 53.8346, -47.1844



37.0420, 43.3633, -1.7908



59.5590, 2.1894, -2.2442



42.1810, 42.3088, -36.9927



0.0000, 0.0000, 0.0000

Inverse Universe

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



56.4280, 1.2680, 60.1376



55.5770, 2.1805, 94.2100



108.9580, -43.3633, 1.7908



59.4350, 0.2785, 4.0035



43.6300, 1.6614, 73.9925



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 55.1620, 34.4301, -29.9601 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



This preview shows how the YUV color 55.1620, 34.4301, -29.9601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

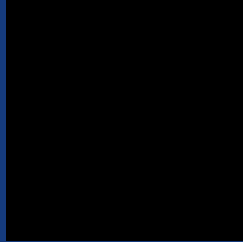
Any Text WCAG AA × Fail

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 55.1620, 34.4301, -29.9601 Background



This preview shows how black text looks on a background with the YUV color 55.1620, 34.4301, -29.9601.



This preview shows how white text looks on a background with the YUV color 55.1620, 34.4301,

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

55.1620, 34.4301, -29.9601

Protanopia

52.5850, 36.1936, -35.5930

Deuteranopia

49.4070, 29.3793, -43.3299



Tritanopia

48.8250, 11.9183, -42.8195

Trichromacy



Original Color

55.1620, 34.4301, -29.9601

Protanomaly

53.4820, 35.7514, -33.7487

Deuteranomaly

51.8960, 31.1103, -38.4968

Tritanomaly

51.0350, 20.1957, -37.7417

Monochromacy



Original Color

55.1620, 34.4301, -29.9601

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.8490, 12.3994, -10.3916

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.1620, 34.4301, -29.9601 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(21, 59, 125)` looks like.

```
.text, #text, p{  
    color:rgb(21, 59, 125)  
}
```

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(21, 59, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 59, 125) }
```

Border

The CSS property to change the border of an element to YUV 55.1620, 34.4301, -29.9601 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(21, 59, 125) }
```


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

```
.border{ border-color:rgb(21, 59, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 59, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 59, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 59, 125);  
box-shadow:4px 4px 4px 4px rgb(21, 59,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 55.1620, 34.4301, -29.9601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 59, 125) }
```

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

```
.background{ background-color: rgb(21, 59,  
125) }
```

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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