

Converting Colors

YUV(66.0830, 24.1161,
-35.1528)

Have a look what the booklet for
YUV(66.0830, 24.1161, -35.1528)
contains.

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Color

**YUV(66.0830, 24.1161,
-35.1528)**

Conversions

Conversions Part 1

Format	Color
Hex	1A4D73
RGB	26, 77, 115
RGB Percent	10%, 30%, 45%
CMY	0.8980, 0.6980, 0.5490
CMYK	0.77, 0.33, 0.00, 0.55
HSL	206°, 63%, 28%
HSV	206°, 77%, 45%
XYZ	6.1744, 6.7652, 17.2000
YIQ	66.0830, -42.5940, 1.0060

Conversions

Conversions Part 2

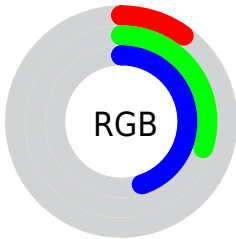
Format	Color
R_{YB}	26, 58, 115
Decimal	1723763
CIE Lab	31.27, -2.74, -26.62
CIE LCh	31, 26.762, 264.130
Yxy	6.7652, 0.2049, 0.2245
Android (android.graphics.Color)	4279913843 (0xFF1A4D73)
YUV	66.0830, 24.1161, -35.1528
Hunter-Lab	26.0099, -3.1440, -21.0008




Details

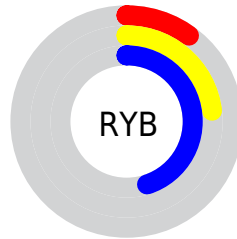
The YUV color **66.0830, 24.1161, -35.1528** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **74.9170, -24.1161, 35.1528**, and the grayscale version is **66.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **117.8170, 24.2472, -30.5345**, and **27.0090, 19.7156, -23.6869** is the 20% darker color. If you saturate the color by 10%, you get **59.8590, 27.1845, -39.3413**, and if you desaturate by 10%, it is **72.6060, 20.9002, -30.3495**.

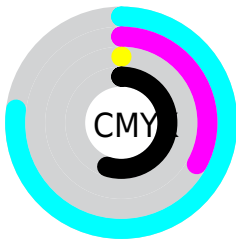
Distribution







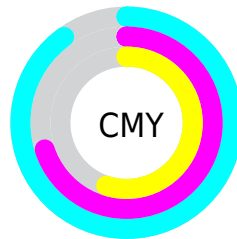
-  Red (10%)
-  Green (30%)
-  Blue (45%)






-  Red (10%)
-  Yellow (23%)
-  Blue (45%)



-  Cyan (77%)
-  Magenta (33%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (90%)
-  Magenta (70%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.0830, 24.1161, -35.1528 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 66.0830, 24.1161, -35.1528 by changing the saturation by 10% instead.

66.0830, 24.1161,
-35.1528

66.0830, 24.1161,
-35.1528

255.0000, 0.0000,
0.0000

41.9580, 23.6847,
-36.7972

117.8170, 24.2472,
-30.5345

27.0090, 19.7156,
-23.6869

144.2300, 24.5366,
-30.0197

10.8860, 16.3252,
-9.5470

170.7570, 25.2628,
-29.6049

3.2090, 9.7570,
-2.8143

198.8710, 25.6996,
-29.7049

0.0000, 0.0000,
0.0000

224.1350, 15.2164,
-27.3054

245.1330, 4.8644,

-20.2876

253.8040, 0.5896,
-2.4591

66.0830, 24.1161,
-35.1528

66.0830, 24.1161,
-35.1528

59.8590, 27.1845,
-39.3413

72.6060, 20.9002,
-30.3495

53.3360, 30.4004,
-44.1447

78.8300, 17.8318,
-26.1609

51.8520, 31.1320,
-45.4742

85.3530, 14.6160,
-21.3576

91.5770, 11.5475,
-17.1690

98.1000, 8.3317,
-12.3657

■ 103.7370, 5.5527,
-7.6623

■ 110.2600, 2.3368,
-2.8590

■ 116.4840, -0.7316,
1.3295

■ 123.0070, -3.9475,
6.1329

Harmonies

Analogous

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



60.3320, 23.0073, -52.9112



66.0830, 24.1161, -35.1528



74.4890, 18.4929, -4.8139

Triad

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



66.0830, 24.1161, -35.1528



73.8580, -7.8180, 34.3275



66.7620, -9.2497, -19.9623

Complementary

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



66.0830, 24.1161, -35.1528



74.9170, -24.1161, 35.1528

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.



69.7060, -17.6031, -0.6192



66.0830, 24.1161, -35.1528



72.9360, -16.2374, 28.1201

Square

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



66.0830, 24.1161, -35.1528



74.7680, 2.0864, 30.8985



72.1210, -20.2727, 15.6799



57.1740, 5.8302, -50.1416

Rectangle

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



66.0830, 24.1161, -35.1528



75.7360, 13.9342, 10.7555



72.1210, -20.2727, 15.6799



68.1820, -12.9077, -13.3146

Sweetspot

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



66.0830, 24.1161, -35.1528



131.6160, 9.0633, -13.6952



82.4610, -9.5943, -49.5163



64.5520, 6.1369, -8.3771



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



66.0830, 24.1161, -35.1528



73.8060, 37.5636, -55.0809



40.2550, 36.8493, -12.5016



55.4450, 1.7526, -2.1443



54.9980, 33.0320, -48.2332



112.4410, 67.8166, -98.6108

Inverse Universe

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



58.4250, 9.1575, 49.6163



61.6810, 14.4543, 77.4558



100.7450, -36.8493, 12.5016



55.1360, 0.4260, 3.3887



44.4580, 12.5922, 68.0043



91.0520, 25.6104, 139.3974

Previews

White Background



This preview shows how the YUV color 66.0830, 24.1161, -35.1528 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 66.0830, 24.1161, -35.1528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

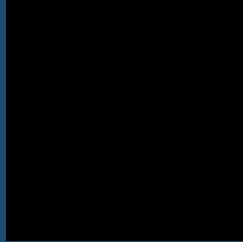
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.0830, 24.1161, -35.1528

Background



This preview shows how black text looks on a background with the YUV color 66.0830, 24.1161, -35.1528.



This preview shows how white text looks on a background with the YUV color 66.0830, 24.1161,

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

66.0830, 24.1161, -35.1528

Protanopia

72.8580, 18.8040, -11.2765

Deuteranopia

71.0250, 22.1727, -18.4389



Tritanopia

58.1660, 14.7082, -51.0116

Trichromacy



Original Color

66.0830, 24.1161, -35.1528

Protanomaly

70.5580, 20.4309, -19.7834

Deuteranomaly

68.9210, 23.2099, -24.4867

Tritanomaly

60.8230, 18.3283, -45.4488

Monochromacy



Original Color

66.0830, 24.1161, -35.1528

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.9150, 8.9159, -13.0805

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.0830, 24.1161, -35.1528 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(26, 77, 115)` looks like.

```
.text, #text, p{  
    color:rgb(26, 77, 115)  
}
```

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(26, 77, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 77, 115) }
```

Border

The CSS property to change the border of an element to YUV 66.0830, 24.1161, -35.1528 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(26, 77, 115) }
```


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

```
.border{ border-color:rgb(26, 77, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 77, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 77, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 77, 115);  
box-shadow:4px 4px 4px 4px rgb(26, 77,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 66.0830, 24.1161, -35.1528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 77, 115) }
```

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

```
.background{ background-color: rgb(26, 77,  
115) }
```

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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