

Converting Colors

YUV(100.6220, 30.2594, 1.2085)

Have a look what the booklet for
YUV(100.6220, 30.2594, 1.2085)
contains.

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Color

**YUV(100.6220, 30.2594,
1.2085)**

Conversions

Conversions Part 1

Format	Color
Hex	6658A2
RGB	102, 88, 162
RGB Percent	40%, 35%, 64%
CMY	0.6000, 0.6549, 0.3647
CMYK	0.37, 0.46, 0.00, 0.36
HSL	251°, 30%, 49%
HSV	251°, 46%, 64%
XYZ	15.4908, 12.4129, 35.7619
YIQ	100.6220, -15.4100, 25.9820

Conversions

Conversions Part 2

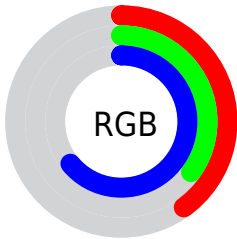
Format	Color
RYB	102, 88, 162
Decimal	6707362
CIELab	41.86, 23.70, -38.22
CIELCh	42, 44.974, 301.799
Yxy	12.4129, 0.2433, 0.1950
Android (android.graphics.Color)	4284897442 (0xFF6658A2)
YUV	100.6220, 30.2594, 1.2085
Hunter-Lab	35.2319, 16.8273, -35.5196

Details

The YUV color **100.6220, 30.2594, 1.2085** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **149.3780, -30.2594, -1.2085**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0890, 32.0011, 2.5529**, and **52.1440, 28.5230, -1.8803** is the 20% darker color. If you saturate the color by 10%, you get **87.3430, 36.8059, 1.4532**, and if you desaturate by 10%, it is **113.9010, 23.7128, 0.9638**.

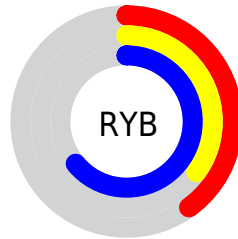
Distribution



Red (40%)

Green (35%)

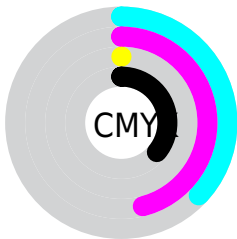
Blue (64%)



Red (40%)

Yellow (35%)

Blue (64%)

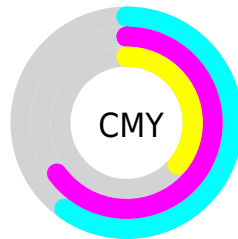


Cyan (37%)

Magenta (46%)

Yellow (0%)

Black (36%)



Cyan (60%)

Magenta (65%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.6220, 30.2594, 1.2085 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 100.6220, 30.2594, 1.2085 by changing the saturation by 10% instead.

■ 100.6220, 30.2594,
1.2085

■ 100.6220, 30.2594,
1.2085

■ 255.0000, 0.0000,
0.0000

■ 76.2690, 28.9544,
-0.2359

■ 152.0890, 32.0011,
2.5529

■ 52.1440, 28.5230,
-1.8803

■ 179.0290, 33.0167,
3.4826

■ 28.8940, 27.6603,
-5.1690

■ 204.8630, 24.7175,
5.3821

■ 6.9540, 26.6447,
-6.0987

■ 229.9700, 12.3398,
8.7963

■ 6.2070, 16.1669,
-5.4435

■ 250.8910, 2.0257,
3.6036

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,

0.0000

■ 100.6220, 30.2594,
1.2085

■ 100.6220, 30.2594,
1.2085

■ 87.3430, 36.8059,
1.4532

■ 113.9010, 23.7128,
0.9638

■ 74.0640, 43.3524,
1.6979

■ 127.1800, 17.1663,
0.7191

■ 60.1980, 50.1884,
2.4574

■ 141.0460, 10.3303,
-0.0403

■ 46.6200, 56.8823,
2.0873

■ 154.6240, 3.6364,
0.3298

■ 33.3410, 63.4289,
2.3319

■ 167.9030, -2.9102,
0.0851

■ 27.7370, 66.1917,
2.8617

■ 181.1820, -9.4567,
-0.1596

■ 194.4610,
-16.0033, -0.4043

■ 208.3270,
-22.8392, -1.1638

■ 221.6060,
-29.3858, -1.4085

Harmonies

Analogous

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



79.5960, 46.0482, -69.8057



100.6220, 30.2594, 1.2085



100.8950, 16.3208, 38.6801

Triad

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



100.6220, 30.2594, 1.2085



96.3110, -31.7053, 42.7003



79.4920, 10.1104, -69.7145

Complementary

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



100.6220, 30.2594, 1.2085



149.3780, -30.2594, -1.2085

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.



77.5740, -7.6780, -57.5084



100.6220, 30.2594, 1.2085



93.9200, -38.9076, 19.3642

Square

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



100.6220, 30.2594, 1.2085



96.3080, -16.9138, 58.4889



90.1380, -29.6480, -10.6450



83.7100, 26.2720, -73.4137

Rectangle

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



100.6220, 30.2594, 1.2085



98.6490, 6.0890, 53.8048



90.1380, -29.6480, -10.6450



78.0100, 4.4321, -68.4148

Sweetspot

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



100.6220, 30.2594, 1.2085



187.2140, 12.2195, 0.6893



131.6560, 14.9596, -38.2863



91.9490, 7.4201, 0.0447



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



100.6220, 30.2594, 1.2085



114.9160, 47.8624, 1.8277



111.6850, 24.8053, 23.9553



74.6240, 3.6364, 0.3298



24.6030, 59.3557, 2.1022



2.9490, 7.4201, 0.0447

Inverse Universe

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



116.9660, 15.2998, 39.4948



140.8130, 24.2492, 62.4310



138.3150, -24.8053, -23.9553



76.4890, 1.7309, 4.8331



56.8070, 30.1681, 77.3453



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 100.6220, 30.2594, 1.2085 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 × Fail

Black Background



This preview shows how the YUV color 100.6220, 30.2594, 1.2085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

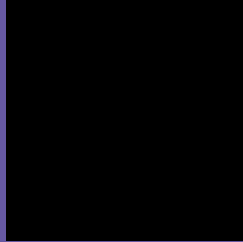
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.6220, 30.2594, 1.2085

Background



This preview shows how black text looks on a background with the YUV color 100.6220, 30.2594, 1.2085.



This preview shows how white text looks on a background with the YUV color 100.6220, 30.2594,

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

100.6220, 30.2594, 1.2085

Protanopia

95.7650, 36.5979, -25.2269

Deuteranopia

95.1900, 31.9513, -28.2306



Tritanopia

97.9220, 4.9685, -6.9476

Trichromacy



Original Color

100.6220, 30.2594, 1.2085

Protanomaly

97.5490, 34.2393, -15.3905

Deuteranomaly

97.1420, 31.4820, -17.6645

Tritanomaly

99.0500, 14.2724, -4.4288

Monochromacy



Original Color

100.6220, 30.2594, 1.2085

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.5730, 11.0565, 0.3745

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.6220, 30.2594, 1.2085 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(102, 88, 162)` looks like.

```
.text, #text, p{  
    color:rgb(102, 88, 162)  
}
```

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(102, 88, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 88, 162) }
```

Border

The CSS property to change the border of an element to YUV 100.6220, 30.2594, 1.2085 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(102, 88, 162) }
```


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

```
.border{ border-color:rgb(102, 88, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 88, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 88, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 88, 162);  
box-shadow:4px 4px 4px 4px rgb(102, 88,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 100.6220, 30.2594, 1.2085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 88, 162) }
```

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

```
.background{ background-color: rgb(102, 88,  
162) }
```

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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