

Converting Colors

YUV(105.1020, -17.7983,
62.1775)

Have a look what the booklet for
YUV(105.1020, -17.7983, 62.1775)
contains.

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Color

**YUV(105.1020, -17.7983,
62.1775)**

Conversions

Conversions Part 1

Format	Color
Hex	B04C45
RGB	176, 76, 69
RGB Percent	69%, 30%, 27%
CMY	0.3098, 0.7020, 0.7294
CMYK	0.00, 0.57, 0.61, 0.31
HSL	4°, 44%, 48%
HSV	4°, 61%, 69%
XYZ	21.5631, 14.8287, 7.3559
YIQ	105.1020, 61.8470, 19.0230

Conversions

Conversions Part 2

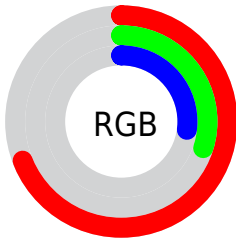
Format	Color
R_{YB}	176, 76, 69
Decimal	11553861
CIE _{Lab}	45.40, 40.30, 24.40
CIE _{LCh}	45, 47.113, 31.197
Yxy	14.8287, 0.4929, 0.3390
Android (android.graphics.Color)	4289743941 (0xFFB04C45)
YUV	105.1020, -17.7983, 62.1775
Hunter-Lab	38.5080, 32.5647, 15.6298

Details

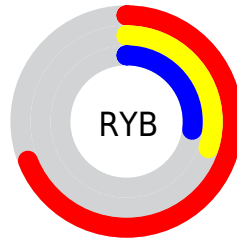
The YUV color **105.1020, -17.7983, 62.1775** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **139.8980, 17.7983, -62.1775**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0380, -20.7247, 67.4957**, and **51.7470, -12.6933, 58.1039** is the 20% darker color. If you saturate the color by 10%, you get **93.6580, -21.0304, 72.2139**, and if you desaturate by 10%, it is **116.5460, -14.5662, 52.1412**.

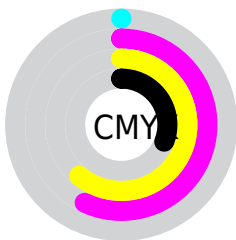
Distribution



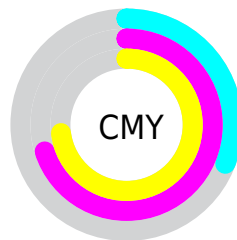
- Red (69%)
- Green (30%)
- Blue (27%)



- Red (69%)
- Yellow (30%)
- Blue (27%)



- Cyan (0%)
- Magenta (57%)
- Yellow (61%)
- Black (31%)



- Cyan (31%)
- Magenta (70%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.1020, -17.7983, 62.1775 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 105.1020, -17.7983, 62.1775 by changing the saturation by 10% instead.

■ 105.1020,
-17.7983, 62.1775

■ 105.1020,
-17.7983, 62.1775

255.0000, 0.0000,
0.0000

■ 78.6610, -15.6089,
59.9333

■ 159.0380,
-20.7247, 67.4957

■ 51.7470, -12.6933,
58.1039

■ 183.5320,
-19.9823, 62.6774

■ 26.9100, -13.2666,
55.3299

■ 203.0460,
-16.2917, 45.5637

■ 18.5380, -9.1392,
38.1162

■ 222.5600,
-12.6011, 28.4499

■ 10.2800, -4.5750,
20.8024

■ 242.1880, -8.4737,
11.2361

■ 0.0000, 0.0000,
0.0000

254.7720, -0.8736,

0.2000

■ 105.1020,
-17.7983, 62.1775

■ 105.1020,
-17.7983, 62.1775

■ 93.6580, -21.0304,
72.2139

■ 116.5460,
-14.5662, 52.1412

■ 81.7410, -23.5363,
82.6651

■ 128.4630,
-12.0603, 41.6899

■ 70.2970, -26.7684,
92.7015

■ 139.9070, -8.8282,
31.6536

■ 59.6680, -29.4163,
102.0232

■ 151.8240, -6.3222,
21.2024

■ 163.2680, -3.0901,
11.1660

■ 175.2990, -0.1474,
0.6148

■ 186.6290, 2.6479,
-9.3216

■ 198.6600, 5.5906,
-19.8728

■ 209.9900, 8.3859,
-29.8092

Harmonies

Analogous

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



106.3250, 0.8258, 61.9820



105.1020, -17.7983, 62.1775



104.5780, -33.3160, 45.9741

Triad

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



105.1020, -17.7983, 62.1775



86.2320, -8.9884, -57.2085



86.3610, 49.1220, -75.7386

Complementary

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



105.1020, -17.7983, 62.1775



139.8980, 17.7983, -62.1775

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.



91.0910, 41.8601, -79.8868



105.1020, -17.7983, 62.1775



86.2740, 10.7109, -75.6623

Square

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



105.1020, -17.7983, 62.1775



98.5680, -31.8320, -10.1451



90.7200, 27.7460, -79.5614



109.1920, 32.4433, 0.7086

Rectangle

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



105.1020, -17.7983, 62.1775



103.0570, -39.9611, 30.6450



90.7200, 27.7460, -79.5614



88.5950, 47.5277, -77.6978

Sweetspot

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



105.1020, -17.7983, 62.1775



202.3190, -7.0593, 24.2762



112.6210, 28.7808, 55.5834



98.0620, -3.9746, 14.8546



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



105.1020, -17.7983, 62.1775



118.6890, -27.9477, 97.6197



135.6260, -32.8466, 35.4080



83.2780, -1.6161, 5.0182



51.6170, -25.4472, 88.9129



8.9480, -4.4114, 14.9546

Inverse Universe

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



139.8980, 17.7983, -62.1775



173.3110, 27.9477, -97.6197



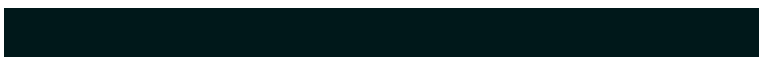
109.3740, 32.8466, -35.4080



86.3090, 1.3267, -5.5330



101.3830, 25.4472, -88.9129



17.0520, 4.4114, -14.9546

Previews

White Background



This preview shows how the YUV color 105.1020, -17.7983, 62.1775 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 105.1020, -17.7983, 62.1775 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 105.1020, -17.7983, 62.1775

Background



This preview shows how black text looks on a background with the YUV color 105.1020, -17.7983, 62.1775.



This preview shows how white text looks on a background with the YUV color 105.1020, -17.7983,

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

105.1020, -17.7983, 62.1775

Protanopia

107.4280, -12.5360, 7.5176

Deuteranopia

106.9260, -21.1625, 21.1129



Tritanopia

105.3670, -12.9989, 62.8221

Trichromacy



Original Color

105.1020, -17.7983, 62.1775

Protanomaly

106.3920, -14.4903, 27.7202

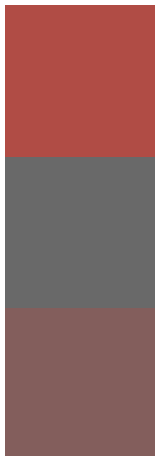
Deuteranomaly

106.0680, -19.7535, 35.8974

Tritanomaly

105.4980, -15.0355, 62.7073

Monochromacy



Original Color

105.1020, -17.7983, 62.1775

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8350, -6.3277, 22.9467

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.1020, -17.7983, 62.1775 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(176, 76, 69)` looks like.

```
.text, #text, p{  
    color:rgb(176, 76, 69)  
}
```

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(176, 76, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 76, 69) }
```

Border

The CSS property to change the border of an element to YUV 105.1020, -17.7983, 62.1775 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(176, 76, 69) }
```


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

```
.border{ border-color:rgb(176, 76, 69) }
```

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

Here you see how a box with a 4 pixel rgb(176, 76, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 76, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 76, 69);  
box-shadow:4px 4px 4px 4px rgb(176, 76,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 105.1020, -17.7983, 62.1775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 76, 69) }
```

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

```
.background{ background-color: rgb(176, 76,  
69) }
```

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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