

Converting Colors

YUV(128.6640, -20.0474,
83.6097)

Have a look what the booklet for
YUV(128.6640, -20.0474, 83.6097)
contains.

YUV(128.6640, -20.0474, 83.6097)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(128.6640, -20.0474,
83.6097)**

Conversions

Conversions Part 1

Format	Color
Hex	E05858
RGB	224, 88, 88
RGB Percent	88%, 35%, 35%
CMY	0.1216, 0.6549, 0.6549
CMYK	0.00, 0.61, 0.61, 0.12
HSL	0°, 69%, 61%
HSV	0°, 61%, 88%
XYZ	35.9916, 23.5313, 11.8775
YIQ	128.6640, 81.0560, 28.8320

Conversions

Conversions Part 2

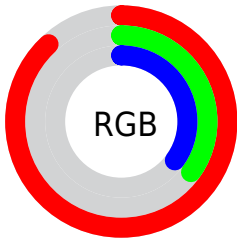
Format	Color
R_{YB}	224, 88, 88
Decimal	14702680
CIE _{Lab}	55.62, 53.05, 27.91
CIE _{LCh}	56, 59.944, 27.752
Yxy	23.5313, 0.5041, 0.3296
Android (android.graphics.Color)	4292892760 (0xFFE05858)
YUV	128.6640, -20.0474, 83.6097
Hunter-Lab	48.5091, 47.5484, 19.4391

Details

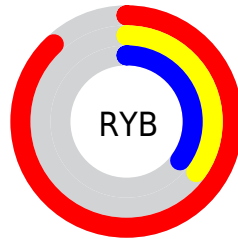
The YUV color **128.6640, -20.0474, 83.6097** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **183.3360, 20.0474, -83.6097**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.9180, -18.6936, 69.3549**, and **70.6620, -13.6374, 80.9804** is the 20% darker color. If you saturate the color by 10%, you get **113.2420, -23.2903, 97.1348**, and if you desaturate by 10%, it is **144.0860, -16.8044, 70.0846**.

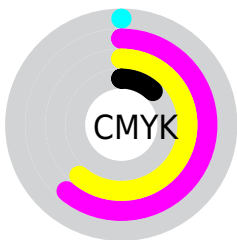
Distribution



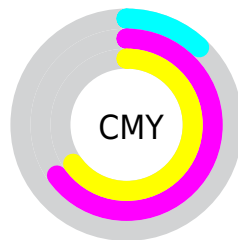
- Red (88%)
- Green (35%)
- Blue (35%)



- Red (88%)
- Yellow (35%)
- Blue (35%)



- Cyan (0%)
- Magenta (61%)
- Yellow (61%)
- Black (12%)



- Cyan (12%)
- Magenta (65%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 128.6640, -20.0474, 83.6097 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 128.6640, -20.0474, 83.6097 by changing the saturation by 10% instead.


 128.6640,
-20.0474, 83.6097


 128.6640,
-20.0474, 83.6097


255.0000, 0.0000,
0.0000


 100.3370,
-17.4211, 81.2655


 175.9180,
-18.6936, 69.3549


 70.6620, -13.6374,
80.9804


 195.3180,
-15.4398, 52.3411


 42.2750, -9.9956,
79.5658


 214.8320,
-11.7492, 35.2273

 30.7970, -15.1829,
63.3220

 235.0470, -7.9112,
17.4988

 21.8270, -10.7607,
44.8787

 254.2020, -3.0576,
0.6998

 13.9820, -5.9071,
28.0798

 0.0000, 0.0000,

0.0000

■ 128.6640,
-20.0474, 83.6097

■ 128.6640,
-20.0474, 83.6097

■ 113.2420,
-23.2903, 97.1348

■ 144.0860,
-16.8044, 70.0846

■ 97.1190, -26.6807,
111.2746

■ 160.2090,
-13.4140, 55.9447

■ 81.6970, -29.9236,
124.7997

■ 175.6310,
-10.1711, 42.4196

■ 66.9760, -33.0192,
137.7100

■ 191.7540, -6.7807,
28.2797

■ 207.1760, -3.5378,
14.7546

■ 222.5980, -0.2948,
1.2296

■ 238.7210, 3.0955,
-12.9103

■ 245.7310, 4.5696,
-19.0581

Harmonies

Analogous

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



130.6570, 4.1131, 80.9848



128.6640, -20.0474, 83.6097



128.9840, -42.3901, 63.1580

Triad

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



128.6640, -20.0474, 83.6097



105.8360, -15.2021, -70.8932



109.8990, 63.1538, -96.3814

Complementary

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



128.6640, -20.0474, 83.6097



183.3360, 20.0474, -83.6097

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.



114.4180, 52.5449, -100.3446



128.6640, -20.0474, 83.6097



106.7510, 10.4758, -93.6206

Square

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



128.6640, -20.0474, 83.6097



120.9090, -45.8041, -8.6902



112.6790, 33.1893, -98.8195



134.1660, 45.2742, -8.0386

Rectangle

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



128.6640, -20.0474, 83.6097



126.9480, -54.6974, 43.8956



112.6790, 33.1893, -98.8195



111.9050, 60.6858, -98.1407

Sweetspot

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



128.6640, -20.0474, 83.6097



222.7540, -6.7807, 28.2797



144.1680, 39.3572, 70.0127



107.6710, -4.2748, 17.8285



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



128.6640, -20.0474, 83.6097



124.6140, -27.4177, 114.3485



168.5800, -39.7259, 48.6033



104.2890, -1.6215, 6.7625



52.6240, -25.9436, 108.2008



14.3520, -7.0755, 29.5093

Inverse Universe

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



183.3360, 20.0474, -83.6097



199.3860, 27.4177, -114.3485



143.4200, 39.7259, -48.6033



108.7110, 1.6215, -6.7625



123.3760, 25.9436, -108.2008



33.6480, 7.0755, -29.5093

Previews

White Background



This preview shows how the YUV color 128.6640, -20.0474, 83.6097 looks on a white 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

Black Background



This preview shows how the YUV color 128.6640, -20.0474, 83.6097 looks on a black 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

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

YUV 128.6640, -20.0474, 83.6097

Background



This preview shows how black text looks on a background with the YUV color 128.6640, -20.0474, 83.6097.



This preview shows how white text looks on a background with the YUV color 128.6640, -20.0474, 83.6097.

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

128.6640, -20.0474, 83.6097

Protanopia

132.7270, -12.6834, 8.1324

Deuteranopia

132.8080, -25.5413, 25.6014



Tritanopia

128.6470, -17.5740, 83.6246

Trichromacy



Original Color

128.6640, -20.0474, 83.6097

Protanomaly

131.5070, -15.5330, 35.5124

Deuteranomaly

131.2220, -23.2804, 47.1633

Tritanomaly

128.4190, -18.4476, 83.8245

Monochromacy



Original Color

128.6640, -20.0474, 83.6097

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9500, -7.3703, 30.7389

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.6640, -20.0474, 83.6097 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(224, 88, 88)` looks like.

```
.text, #text, p{  
    color:rgb(224, 88, 88)  
}
```

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(224, 88, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 88, 88) }
```

Border

The CSS property to change the border of an element to YUV 128.6640, -20.0474, 83.6097 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(224, 88, 88) }
```


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

```
.border{ border-color:rgb(224, 88, 88) }
```

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

Here you see how a box with a 4 pixel rgb(224, 88, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 88, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 88, 88);  
box-shadow:4px 4px 4px 4px rgb(224, 88,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 128.6640, -20.0474, 83.6097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 88, 88) }
```

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

```
.background{ background-color: rgb(224, 88,  
88) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor