

Converting Colors

YUV(235.6060, -9.1728, 2.0995)

Have a look what the booklet for
YUV(235.6060, -9.1728, 2.0995)
contains.

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Color

**YUV(235.6060, -9.1728,
2.0995)**

Conversions

Conversions Part 1

Format	Color
Hex	EEEEED9
RGB	238, 238, 217
RGB Percent	93%, 93%, 85%
CMY	0.0667, 0.0667, 0.1490
CMYK	0.00, 0.00, 0.09, 0.07
HSL	60°, 38%, 89%
HSV	60°, 9%, 93%
XYZ	78.3588, 84.3360, 77.7942
YIQ	235.6060, 6.7410, -6.5310

Conversions

Conversions Part 2

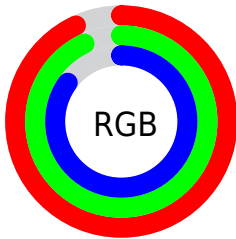
Format	Color
R_{YB}	217, 238, 217
Decimal	15658713
CIE Lab	93.60, -3.56, 10.16
CIE LCh	94, 10.769, 109.319
Yxy	84.3360, 0.3258, 0.3507
Android (android.graphics.Color)	4293848793 (0xFFEEEEED9)
YUV	235.6060, -9.1728, 2.0995
Hunter-Lab	91.8346, -8.4036, 14.0590

Details

The YUV color $235.6060, -9.1728, 2.0995$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $219.3940, 9.1728, -2.0995$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.7200, -8.7360, 1.9996$ is the 20% darker color. If you saturate the color by 10%, you get $232.8700, -19.6559, 4.4990$, and if you desaturate by 10%, it is $238.3420, 1.3104, -0.2999$.

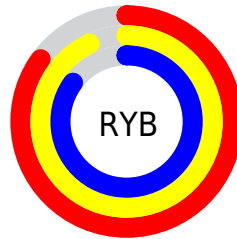
Distribution



Red (93%)

Green (93%)

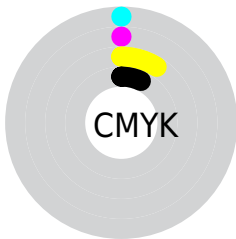
Blue (85%)



Red (85%)

Yellow (93%)

Blue (85%)

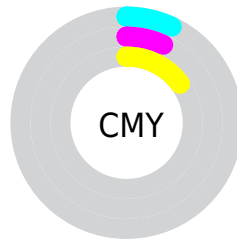


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.6060, -9.1728, 2.0995 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 235.6060, -9.1728, 2.0995 by changing the saturation by 10% instead.

■ 235.6060, -9.1728,
2.0995

■ 235.6060, -9.1728,
2.0995

255.0000, 0.0000,
0.0000

■ 207.6060, -9.1728,
2.0995

■ 179.7200, -8.7360,
1.9996

■ 152.8340, -8.2992,
1.8996

■ 126.9480, -7.8624,
1.7996

■ 101.9480, -7.8624,
1.7996

■ 78.0620, -7.4256,
1.6996

■ 55.1760, -6.9888,

1.5996

■ 33.8770, -6.8414,
0.9849

■ 12.0940, -5.9623,
-0.9594

■ 235.6060, -9.1728,
2.0995

■ 235.6060, -9.1728,
2.0995

■ 232.8700,
-19.6559, 4.4990

■ 238.3420, 1.3104,
-0.2999

■ 230.1340,
-30.1391, 6.8985

■ 239.9380, 7.4256,
-1.6996

■ 227.5120,
-40.1854, 9.1980

■ 224.7760,
-50.6686, 11.5974

■ 222.0400,
-61.1517, 13.9969

■ 219.3040,
-71.6349, 16.3964

■ 216.5680,
-82.1180, 18.7959

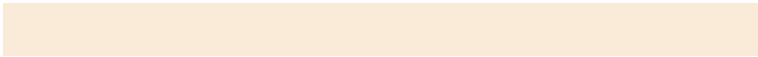
■ 213.9460,
-92.1644, 21.0954

■ 211.2100,
-102.6475, 23.4948

Harmonies

Analogous

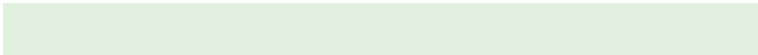
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.0200, -10.3629, 10.5065



235.6060, -9.1728, 2.0995



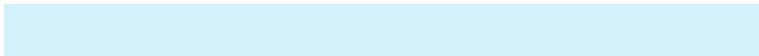
234.4630, -5.6513, -7.4221

Triad

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



235.6060, -9.1728, 2.0995



233.8820, 8.9322, -18.3135



238.7290, 1.1196, 14.2697

Complementary

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



235.6060, -9.1728, 2.0995



219.3940, 9.1728, -2.0995

Split Complementary

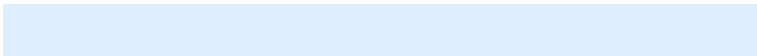
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.5370, 5.6513, 7.4221



235.6060, -9.1728, 2.0995



235.7410, 9.4947, -12.0509

Square

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



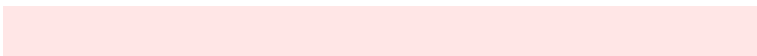
235.6060, -9.1728, 2.0995



233.4320, 4.7170, -19.6729



236.9810, 8.8834, -2.6143



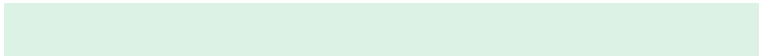
237.4750, -3.6852, 15.3694

Rectangle

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



235.6060, -9.1728, 2.0995



233.6410, -2.2880, -12.8402



236.9810, 8.8834, -2.6143



238.4730, 2.7248, 12.7402

Sweetspot

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



235.6060, -9.1728, 2.0995



254.0880, -3.4944, 0.7998



223.2790, -3.0955, 12.9103



127.3160, -2.6208, 0.5999



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

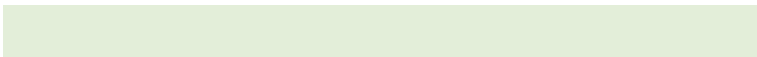
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.6060, -9.1728, 2.0995



251.8080, -12.2303, 2.7994



232.3170, -7.5513, -4.6630



118.6320, -5.2416, 1.1997



163.0240, -80.3708, 18.3960



49.6160, -24.4607, 5.5988

Inverse Universe

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



219.3940, 9.1728, -2.0995



230.1920, 12.2303, -2.7994



222.3840, 7.6987, 4.0482



109.3680, 5.2416, -1.1997



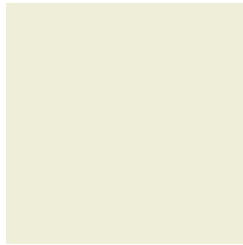
20.9760, 80.3708, -18.3960



6.3840, 24.4607, -5.5988

Previews

White Background



This preview shows how the YUV color 235.6060, -9.1728, 2.0995 looks on a white background.

Color Contrast Check

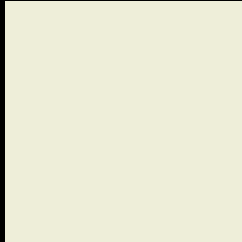
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 235.6060, -9.1728, 2.0995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

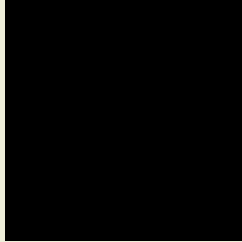
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

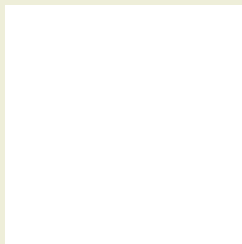
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.6060, -9.1728, 2.0995

Background



This preview shows how black text looks on a background with the YUV color 235.6060, -9.1728, 2.0995.



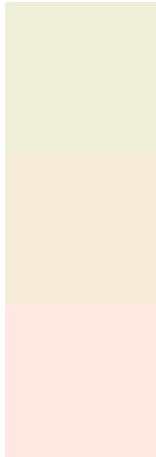
This preview shows how white text looks on a background with the YUV color 235.6060, -9.1728,

2.0995.

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

235.6060, -9.1728, 2.0995

Protanopia

236.7100, -10.2100, 8.1473

Deuteranopia

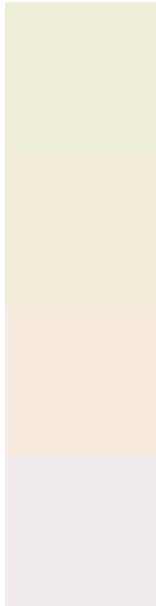
237.6060, -5.7218, 15.2545



Tritanopia

238.0420, 6.3883, 4.3482

Trichromacy



Original Color

235.6060, -9.1728, 2.0995

Protanomaly

236.4000, -10.0572, 5.7882

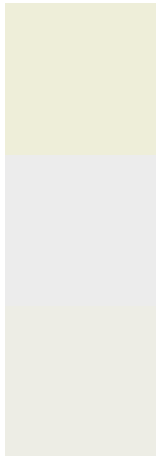
Deuteranomaly

237.2310, -7.0159, 10.3214

Tritanomaly

237.2500, 0.8628, 3.2887

Monochromacy



Original Color

235.6060, -9.1728, 2.0995

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.0880, -3.4944, 0.7998

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.6060, -9.1728, 2.0995 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(238, 238, 217)` looks like.

```
.text, #text, p{  
    color:rgb(238, 238, 217)  
}
```

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(238, 238, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 238, 217) }
```

Border

The CSS property to change the border of an element to YUV 235.6060, -9.1728, 2.0995 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(238, 238, 217) }
```


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

```
.border{ border-color:rgb(238, 238, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 238, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 238, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 238, 217);  
box-shadow:4px 4px 4px 4px rgb(238, 238,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 235.6060, -9.1728, 2.0995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 238, 217) }
```

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

```
.background{ background-color: rgb(238,  
238, 217) }
```

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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