

Converting Colors

XYZ(63.3203, 82.1725, 26.1592)

Have a look what the booklet for
XYZ(63.3203, 82.1725, 26.1592)
contains.

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Color

**XYZ(63.3203, 82.1725,
26.1592)**

Conversions

Conversions Part 1

Format	Color
Hex	D4F86A
RGB	212, 248, 106
RGB Percent	83%, 97%, 42%
CMY	0.1686, 0.0274, 0.5843
CMYK	0.15, 0.00, 0.57, 0.03
HSL	75°, 91%, 69%
HSV	75°, 57%, 97%
XYZ	63.3203, 82.1725, 26.1592
YIQ	221.0480, 24.1260, -51.7940

Conversions

Conversions Part 2

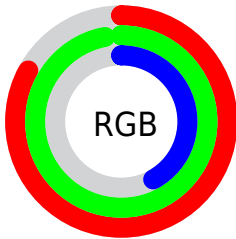
Format	Color
RYB	106, 248, 142
Decimal	13957226
CIELab	92.65, -31.63, 63.00
CIELCh	93, 70.494, 116.664
Yxy	82.1725, 0.3689, 0.4787
Android (android.graphics.Color)	4292147306 (0xFFD4F86A)
YUV	221.0480, -56.7187, -7.9351
Hunter-Lab	90.6490, -33.9498, 46.3446

Details

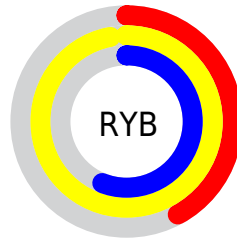
The XYZ color **63.3203, 82.1725, 26.1592** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **33.2558, 22.8383, 91.4673**, and the grayscale version is **69.1369, 72.7374, 79.2110**.

A 20% lighter version of the original color is **83.4330, 95.3532, 47.7258**, and **32.9429, 44.8981, 9.9475** is the 20% darker color. If you saturate the color by 10%, you get **60.4356, 80.8161, 20.2384**, and if you desaturate by 10%, it is **66.6524, 83.7218, 34.0504**.

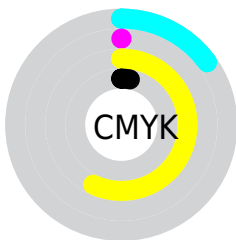
Distribution



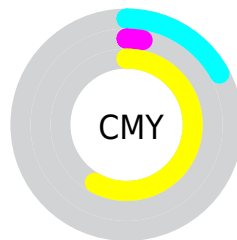
- Red (83%)
- Green (97%)
- Blue (42%)



- Red (42%)
- Yellow (97%)
- Blue (56%)



- Cyan (15%)
- Magenta (0%)
- Yellow (57%)
- Black (3%)





- Cyan (17%)
- Magenta (3%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3203, 82.1725, 26.1592 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 XYZ color 63.3203, 82.1725, 26.1592 by changing the saturation by 10% instead.


 63.3203, 82.1725,
26.1592


 63.3203, 82.1725,
26.1592


426.3722,
502.2245, 297.1930

 46.3600, 61.5077,
16.7159


 108.7107,
136.4159, 54.5189


 32.7358, 44.6351,
9.8724


 137.8715,
170.7633, 74.2724

 22.0824, 31.1701,
5.2099


 171.8298,
210.4403, 98.2998

 14.0344, 20.7284,
2.3101

 210.9511,
255.8315, 127.0195

 8.2265, 12.9256,
0.7368

255.6006,
307.3211, 160.8502

 4.2932, 7.3773,
0.0000

306.1437,

 1.8693, 3.6992,

365.2935, 200.2103

0.0000

362.9458,
430.1332, 245.5184

0.5589, 1.5068,
0.0000

0.0000, 0.2935,
0.0000

63.3203, 82.1725,
26.1592

63.3203, 82.1725,
26.1592

60.4356, 80.8161,
20.2384

66.6524, 83.7218,
34.0504

57.9584, 79.6280,
16.1083


70.4561, 85.4650,
44.0605


55.8511, 78.5957,
13.5652


74.7604, 87.4169,
56.3300


54.0623, 77.6987,
12.3433

79.5900, 89.5872,
70.9856

 53.6060, 77.4678,
12.1275

 84.9681, 91.9855,
88.1448

 90.9162, 94.6204,
107.9173

 92.8593, 95.6185,
108.1698

Harmonies

Analogous

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



80.1727, 82.1725, 21.7735



63.3203, 82.1725, 26.1592



52.1869, 82.1725, 44.6517

Triad

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



63.3203, 82.1725, 26.1592



60.2798, 82.1725, 203.1709



118.8673, 82.1725, 95.4789

Complementary

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



63.3203, 82.1725, 26.1592



33.2558, 22.8383, 91.4673

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.



111.4291, 82.1725, 157.2500



63.3203, 82.1725, 26.1592



76.0682, 82.1725, 232.9325

Square

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



63.3203, 82.1725, 26.1592



50.6341, 82.1725, 142.8855



95.0229, 82.1725, 213.4948



114.0502, 82.1725, 51.3676

Rectangle

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



63.3203, 82.1725, 26.1592



48.5657, 82.1725, 68.1376



95.0229, 82.1725, 213.4948



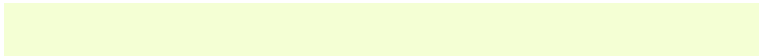
117.6919, 82.1725, 114.8506

Sweetspot

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



63.3223, 82.1762, 26.1609



84.9106, 95.4904, 76.0123



50.9147, 40.1971, 18.7121



17.9423, 20.3349, 15.5497



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



63.3223, 82.1762, 26.1609



63.8614, 85.8436, 20.6103



47.2415, 73.8862, 25.4084



18.2725, 19.9562, 18.3513



29.0926, 41.9161, 6.5573



2.7919, 3.9324, 0.6119

Inverse Universe

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



33.2558, 22.8383, 91.4673



29.1133, 17.0793, 96.3699



49.3960, 31.1589, 92.2226



16.6955, 16.8556, 21.7588



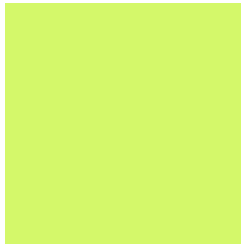
10.3645, 4.2858, 48.2545



1.0532, 0.4450, 4.4736

Previews

White Background



This preview shows how the XYZ color 63.3203, 82.1725, 26.1592 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 XYZ color 63.3203, 82.1725, 26.1592 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](#).

XYZ 63.3203, 82.1725, 26.1592

Background



This preview shows how black text looks on a background with the XYZ color 63.3203, 82.1725, 26.1592.

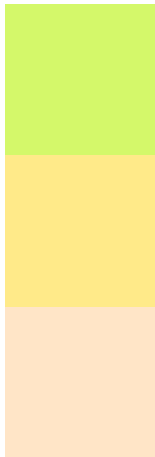


This preview shows how white text looks on a background with the XYZ color 63.3203, 82.1725,

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

63.3203, 82.1725, 26.1592

Protanopia

75.1782, 81.9118, 35.5152

Deuteranopia

79.5681, 81.4221, 65.5552



Tritanopia

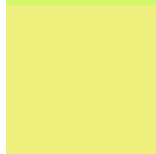
78.8646, 81.9009, 102.9186

Trichromacy



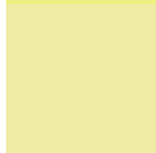
Original Color

63.3203, 82.1725, 26.1592



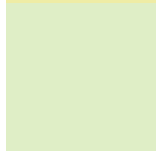
Protanomaly

70.2290, 81.5901, 31.7857



Deuteranomaly

72.3836, 81.0582, 47.4281



Tritanomaly

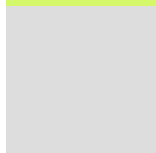
71.1990, 80.9143, 65.2915

Monochromacy



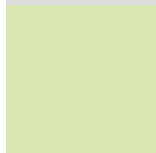
Original Color

63.3203, 82.1725, 26.1592



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

65.6260, 75.3119, 53.7256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3203, 82.1725, 26.1592 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(212, 248, 106)` looks like.

```
.text, #text, p{  
    color:rgb(212, 248, 106)  
}
```

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(212, 248, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 248, 106) }
```

Border

The CSS property to change the border of an element to XYZ 63.3203, 82.1725, 26.1592 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(212, 248, 106) }
```


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

```
.border{ border-color:rgb(212, 248, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 248, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 248, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 248, 106);  
box-shadow:4px 4px 4px 4px rgb(212, 248,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3203, 82.1725, 26.1592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 248, 106) }
```

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

```
.background{ background-color: rgb(212,  
248, 106) }
```

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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