

Converting Colors

XYZ(72.2184, 84.1993, 28.0096)

Have a look what the booklet for
XYZ(72.2184, 84.1993, 28.0096)
contains.

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Color

**XYZ(72.0410, 83.9296,
28.0259)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F4F271 |
| RGB | 244, 242, 113 |
| RGB Percent | 96%, 95%, 44% |
| CMY | 0.0431, 0.0510, 0.5568 |
| CMYK | 0.00, 0.01, 0.54, 0.04 |
| HSL | 59°, 86%, 70% |
| HSV | 59°, 54%, 96% |
| XYZ | 72.0410, 83.9296, 28.0259 |
| YIQ | 227.8920, 42.6010, -39.6950 |

Conversions

Conversions Part 2

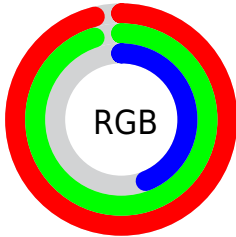
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 115, 244, 113 |
| Decimal | 16052849 |
| CIE Lab | 93.42, -15.76, 61.43 |
| CIE LCh | 93, 63.422, 104.386 |
| Yxy | 83.9296, 0.3915, 0.4561 |
| Android (android.graphics.Color) | 4294242929 (0xFFFF4F271) |
| YUV | 227.8920, -56.6418, 14.1267 |
| Hunter-Lab | 91.6131, -19.9574, 45.9914 |

Details

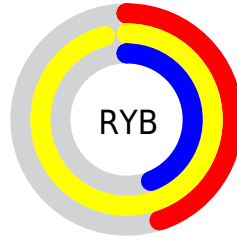
The XYZ color **72.0410, 83.9296, 28.0259** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **29.2700, 22.3034, 88.3499**, and the grayscale version is **74.0451, 77.9012, 84.8344**.

A 20% lighter version of the original color is **84.0679, 95.6072, 51.0690**, and **38.3302, 45.7376, 10.8110** is the 20% darker color. If you saturate the color by 10%, you get **70.7383, 83.2350, 21.7019**, and if you desaturate by 10%, it is **73.7171, 84.7801, 36.2980**.

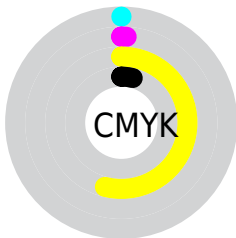
Distribution



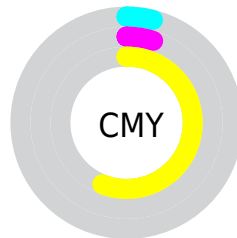
- Red (96%)
- Green (95%)
- Blue (44%)



- Red (45%)
- Yellow (96%)
- Blue (44%)



- Cyan (0%)
- Magenta (1%)
- Yellow (54%)
- Black (4%)





- Cyan (4%)
- Magenta (5%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0410, 83.9296, 28.0259 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 72.0410, 83.9296, 28.0259 by changing the saturation by 10% instead.

 72.0410, 83.9296,
28.0259

 72.0410, 83.9296,
28.0259


456.8397,
508.0794, 306.5065


 53.4778, 62.9573,
18.1060


 121.1253,
138.8767, 57.5494

 38.4133, 45.8067,
10.8559


 152.3771,
173.6203, 77.9900

 26.4823, 32.0933,
5.8570


 188.5891,
213.7231, 102.7747

 17.3194, 21.4328,
2.6910

230.1266,
259.5696, 132.3218

 10.5592, 13.4407,
0.9389

277.3551,
311.5440, 167.0500

 5.8363, 7.7327,
0.0000

330.6399,

 2.7855, 3.9244,

370.0309, 207.3779

0.0000

390.3463,
435.4146, 253.7238

■ 1.0414, 1.6314,
0.0000

■ 0.0000, 0.3786,
0.0000

■ 72.0410, 83.9296,
28.0259

■ 72.0410, 83.9296,
28.0259

■ 70.7383, 83.2350,
21.7019

■ 73.7171, 84.7801,
36.2980

■ 69.7728, 82.6725,
17.1609


■ 75.7878, 85.7857,
46.6549


■ 69.1113, 82.2320,
14.2199


■ 78.2793, 86.9600,
59.2272


■ 68.7110, 81.8963,
12.6533


■ 81.2142, 88.3121,
74.1333


 68.5528, 81.7224,
12.1609

 84.6134, 89.8502,
91.4832

 87.7792, 91.2953,
107.6030

 87.8912, 91.5192,
107.6404

 88.0034, 91.7436,
107.6778

 88.1158, 91.9684,
107.7152

Harmonies

Analogous

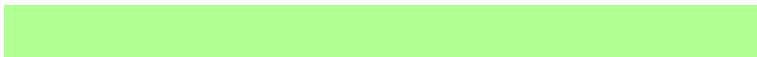
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7514, 83.9296, 28.2589



72.0410, 83.9296, 28.0259



59.3130, 83.9296, 40.0770

Triad

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



72.0410, 83.9296, 28.0259



58.9139, 83.9296, 172.2020



114.9535, 83.9296, 118.5033

Complementary

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



72.0410, 83.9296, 28.0259



29.2700, 22.3034, 88.3499

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.



104.4669, 83.9296, 174.3404



72.0410, 83.9296, 28.0259



71.4207, 83.9296, 211.9896

Square

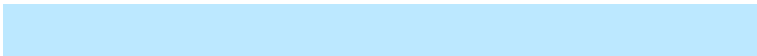
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0410, 83.9296, 28.0259



52.4845, 83.9296, 116.2502



88.0384, 83.9296, 212.8862



115.1813, 83.9296, 70.3453

Rectangle

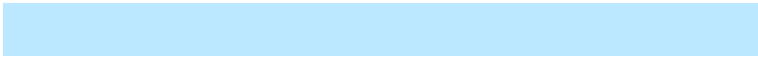
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.0410, 83.9296, 28.0259



54.1303, 83.9296, 57.0521



88.0384, 83.9296, 212.8862



112.4523, 83.9296, 137.2987

Sweetspot

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



72.0430, 83.9335, 28.0276



88.9654, 97.2498, 77.8344



46.3189, 32.2863, 20.0668



18.8954, 20.7480, 15.9133



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.



72.0430, 83.9335, 28.0276



78.1360, 91.9751, 23.7142



54.3137, 75.6792, 27.3688



17.8918, 19.2677, 17.5736



37.2853, 44.4561, 6.6157



3.2838, 3.9209, 0.5837

Inverse Universe

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



29.2700, 22.3034, 88.3499



26.4716, 17.5409, 96.5983



40.2112, 27.6100, 88.7975



15.6014, 15.9671, 20.8022



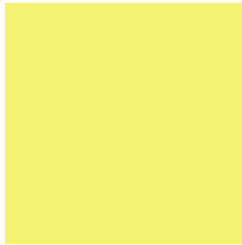
8.9096, 3.6130, 46.7658



0.7901, 0.3315, 4.1126

Previews

White Background



This preview shows how the XYZ color 72.0410, 83.9296, 28.0259 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 72.0410, 83.9296, 28.0259 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 72.0410, 83.9296, 28.0259

Background



This preview shows how black text looks on a background with the XYZ color 72.0410, 83.9296, 28.0259.

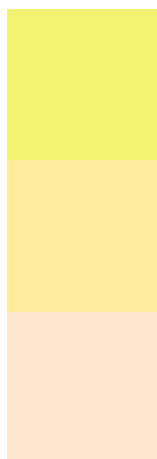


This preview shows how white text looks on a background with the XYZ color 72.0410, 83.9296,

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

72.0410, 83.9296, 28.0259

Protanopia

77.3213, 83.6852, 43.9759

Deuteranopia

81.3591, 83.4782, 70.8563



Tritanopia

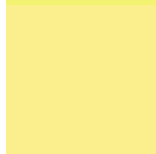
85.5884, 83.8303, 97.2578

Trichromacy



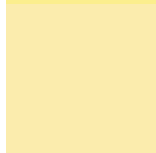
Original Color

72.0410, 83.9296, 28.0259



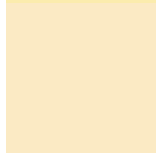
Protanomaly

75.1659, 83.5814, 37.3705



Deuteranomaly

77.3219, 83.5173, 51.5803



Tritanomaly

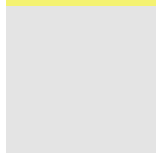
79.1703, 83.3404, 64.1381

Monochromacy



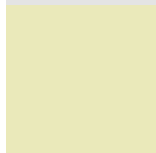
Original Color

72.0410, 83.9296, 28.0259



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

71.9335, 79.3154, 57.9725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0410, 83.9296, 28.0259 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(244, 242, 113)` looks like.

```
.text, #text, p{  
    color:rgb(244, 242, 113)  
}
```

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(244, 242, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 242, 113) }
```

Border

The CSS property to change the border of an element to XYZ 72.0410, 83.9296, 28.0259 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(244, 242, 113) }
```


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

```
.border{ border-color:rgb(244, 242, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 242, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 242, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 242, 113);  
box-shadow:4px 4px 4px 4px rgb(244, 242,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0410, 83.9296, 28.0259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 242, 113) }
```

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

```
.background{ background-color: rgb(244,  
242, 113) }
```

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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