

Converting Colors

XYZ(72.0088, 81.8125, 24.0527)

Have a look what the booklet for
XYZ(72.0088, 81.8125, 24.0527)
contains.

XYZ(72.0088, 81.8125, 24.0527) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(72.0088, 81.8125,
24.0527)**

Conversions

Conversions Part 1

Format	Color
Hex	FAED64
RGB	250, 237, 100
RGB Percent	98%, 93%, 39%
CMY	0.0196, 0.0706, 0.6078
CMYK	0.00, 0.05, 0.60, 0.02
HSL	55°, 94%, 69%
HSV	55°, 60%, 98%
XYZ	72.0088, 81.8125, 24.0527
YIQ	225.2690, 51.7250, -39.8510

Conversions

Conversions Part 2

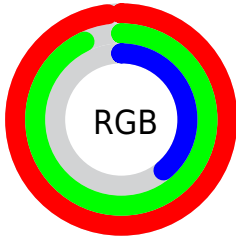
Format	Color
RYB	114, 250, 100
Decimal	16444772
CIELab	92.49, -11.83, 66.15
CIELCh	92, 67.203, 100.136
Yxy	81.8125, 0.4048, 0.4599
Android (android.graphics.Color)	4294634852 (0xFFFAED64)
YUV	225.2690, -61.7576, 21.6891
Hunter-Lab	90.4503, -16.1815, 47.5487

Details

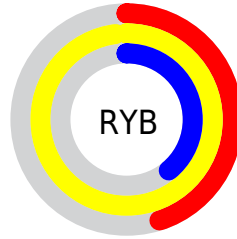
The XYZ color **72.0088, 81.8125, 24.0527** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **28.4160, 21.4212, 93.0791**, and the grayscale version is **72.1681, 75.9265, 82.6839**.

A 20% lighter version of the original color is **82.9164, 95.1466, 45.0053**, and **38.1951, 44.1693, 8.7979** is the 20% darker color. If you saturate the color by 10%, you get **70.3572, 80.1577, 18.4211**, and if you desaturate by 10%, it is **74.0430, 83.6386, 31.6447**.

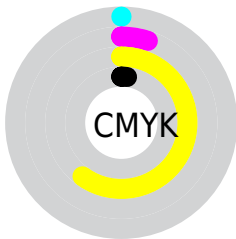
Distribution



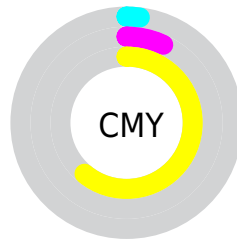
- Red (98%)
- Green (93%)
- Blue (39%)



- Red (45%)
- Yellow (98%)
- Blue (39%)



- Cyan (0%)
- Magenta (5%)
- Yellow (60%)
- Black (2%)





- Cyan (2%)
- Magenta (7%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.0088, 81.8125, 24.0527 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 72.0088, 81.8125, 24.0527 by changing the saturation by 10% instead.


 72.0088, 81.8125,
24.0527

 72.0088, 81.8125,
24.0527


456.7294,
501.0203, 286.3819

 53.4514, 61.2110,
15.1602


 121.0798,
135.9110, 51.0611


 38.3921, 44.3955,
8.7840


 152.3240,
170.1768, 70.0140

 26.4658, 30.9815,
4.5057


 188.5279,
209.7662, 93.1575

 17.3069, 20.5848,
1.9067

 230.0568,
255.0636, 120.9101

 10.5502, 12.8208,
0.4970

277.2760,
306.4532, 153.6902

 5.8303, 7.3053,
0.0000

330.5510,

 2.7818, 3.6538,

364.3196, 191.9166

0.0000

390.2470,
429.0472, 236.0076

■ 1.0395, 1.4818,
0.0000

■ 0.0000, 0.2759,
0.0000

■ 72.0088, 81.8125,
24.0527

■ 72.0088, 81.8125,
24.0527

■ 70.3572, 80.1577,
18.4211

■ 74.0430, 83.6386,
31.6447

■ 69.0471, 78.6486,
14.5596

■ 76.4849, 85.6368,
41.3542

■ 68.0387, 77.2721,
12.2489

■ 79.3638, 87.8220,
53.3278

■ 67.2625, 76.0005,
11.1246

■ 82.7050, 90.2044,
67.6981

67.2624, 76.0003,
11.1244

86.5317, 92.7933,
84.5870

90.8656, 95.5974,
104.1085

92.3365, 97.2686,
108.5158

93.0211, 98.6377,
108.7440

93.2341, 99.0639,
108.8150

Harmonies

Analogous

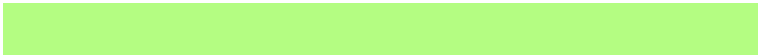
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.7170, 81.8125, 25.8566



72.0088, 81.8125, 24.0527



58.0908, 81.8125, 33.9932

Triad

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



72.0088, 81.8125, 24.0527



54.8433, 81.8125, 166.4064



113.7429, 81.8125, 125.8485

Complementary

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



72.0088, 81.8125, 24.0527



28.4160, 21.4212, 93.0791

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.



101.4334, 81.8125, 184.4887



72.0088, 81.8125, 24.0527



66.9162, 81.8125, 213.3244

Square

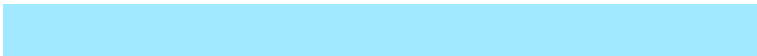
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0088, 81.8125, 24.0527



49.2078, 81.8125, 107.0662



83.8102, 81.8125, 220.9571



115.6497, 81.8125, 73.2300

Rectangle

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



72.0088, 81.8125, 24.0527



52.1607, 81.8125, 49.3144



83.8102, 81.8125, 220.9571



110.6061, 81.8125, 145.9509

Sweetspot

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



72.0107, 81.8163, 24.0544



87.2657, 94.8778, 74.1004



47.0764, 30.6769, 19.6608



18.4433, 20.1450, 14.8338



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.



72.0107, 81.8163, 24.0544



73.2849, 83.5095, 18.2852



57.7214, 80.2384, 24.5029



18.5913, 19.9184, 18.3272



35.7320, 40.4207, 5.9187



3.3461, 3.8170, 0.5604

Inverse Universe

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



28.4160, 21.4212, 93.0791



24.1108, 15.4404, 96.3173



36.3104, 23.4910, 93.0625



16.4039, 16.8846, 21.7798



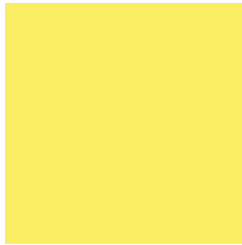
9.3432, 4.0420, 48.2613



0.9052, 0.4542, 4.4831

Previews

White Background



This preview shows how the XYZ color 72.0088, 81.8125, 24.0527 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 72.0088, 81.8125, 24.0527 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 72.0088, 81.8125, 24.0527

Background



This preview shows how black text looks on a background with the XYZ color 72.0088, 81.8125, 24.0527.

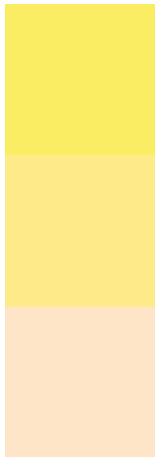


This preview shows how white text looks on a background with the XYZ color 72.0088, 81.8125,

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

72.0088, 81.8125, 24.0527

Protanopia

75.1782, 81.9118, 35.5152

Deuteranopia

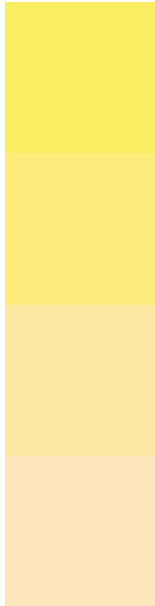
79.5681, 81.4221, 65.5552



Tritanopia

83.8690, 81.8258, 92.2625

Trichromacy



Original Color

72.0088, 81.8125, 24.0527

Protanomaly

73.8544, 81.7545, 30.9564

Deuteranomaly

75.9755, 81.2402, 46.3269

Tritanomaly

77.8819, 81.1071, 59.1274

Monochromacy



Original Color

72.0088, 81.8125, 24.0527

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.1892, 76.8263, 54.3096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0088, 81.8125, 24.0527 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(250, 237, 100)` looks like.

```
.text, #text, p{  
    color:rgb(250, 237, 100)  
}
```

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(250, 237, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 237, 100) }
```

Border

The CSS property to change the border of an element to XYZ 72.0088, 81.8125, 24.0527 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(250, 237, 100) }
```


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

```
.border{ border-color:rgb(250, 237, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 237, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 237, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 237, 100);  
box-shadow:4px 4px 4px 4px rgb(250, 237,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0088, 81.8125, 24.0527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 237, 100) }
```

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

```
.background{ background-color: rgb(250,  
237, 100) }
```

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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