

Converting Colors

XYZ(73.6876, 81.9007, 25.8631)

Have a look what the booklet for
XYZ(73.6876, 81.9007, 25.8631)
contains.

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Color

**XYZ(73.6022, 81.7382,
25.8077)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEB6B
RGB	255, 235, 107
RGB Percent	100%, 92%, 42%
CMY	0.0000, 0.0784, 0.5804
CMYK	0.00, 0.08, 0.58, 0.00
HSL	52°, 100%, 71%
HSV	52°, 58%, 100%
XYZ	73.6022, 81.7382, 25.8077
YIQ	226.3880, 53.0080, -35.5680

Conversions

Conversions Part 2

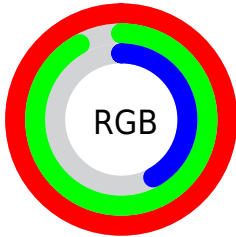
Format	Color
RYB	130, 255, 107
Decimal	16771947
CIELab	92.46, -8.35, 63.23
CIElCh	92, 63.774, 97.521
Yxy	81.7382, 0.4063, 0.4512
Android (android.graphics.Color)	4294962027 (0xFFFFE6B)
YUV	226.3880, -58.8583, 25.0927
Hunter-Lab	90.4092, -12.8990, 46.3618

Details

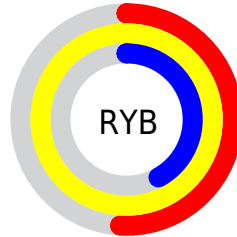
The XYZ color **73.6022, 81.7382, 25.8077** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **31.7027, 25.5238, 97.8631**, and the grayscale version is **72.9577, 76.7572, 83.5886**.

A 20% lighter version of the original color is **83.5216, 95.3886, 48.1922**, and **39.4468, 44.4926, 9.7577** is the 20% darker color. If you saturate the color by 10%, you get **71.4775, 79.3285, 19.4286**, and if you desaturate by 10%, it is **76.1454, 84.3520, 34.2792**.

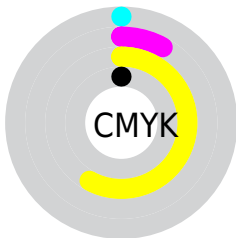
Distribution



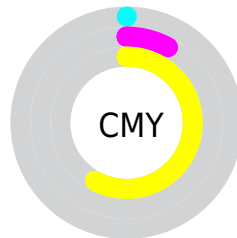
- Red (100%)
- Green (92%)
- Blue (42%)



- Red (51%)
- Yellow (100%)
- Blue (42%)



- Cyan (0%)
- Magenta (8%)
- Yellow (58%)
- Black (0%)





- Cyan (0%)
- Magenta (8%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.6022, 81.7382, 25.8077 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 73.6022, 81.7382, 25.8077 by changing the saturation by 10% instead.


 73.6022, 81.7382,
25.8077

 73.6022, 81.7382,
25.8077


462.1708,
500.7716, 295.4122


 54.7586, 61.1498,
16.4554


 123.3303,
135.8068, 53.9448


 39.4416, 44.3460,
9.6891


 154.9455,
170.0558, 73.5667

 27.2857, 30.9426,
5.0904


 191.5486,
209.6270, 97.4488

 17.9256, 20.5552,
2.2407

 233.5051,
254.9050, 126.0097

 10.9960, 12.7992,
0.6977

281.1802,
306.2740, 159.6680

 6.1314, 7.2905,
0.0000

334.9392,

 2.9666, 3.6444,

364.1185, 198.8421

0.0000

395.1477,
428.8229, 243.9507

■ 1.1361, 1.4767,
0.0000

■ 0.0550, 0.2722,
0.0000

■ 73.6022, 81.7382,
25.8077

■ 73.6022, 81.7382,
25.8077

■ 71.4775, 79.3285,
19.4286

■ 76.1454, 84.3520,
34.2792

■ 69.7294, 77.0967,
14.9479


■ 79.1330, 87.1712,
45.0043


■ 68.3174, 75.0297,
12.1438

■ 82.5953, 90.2112,
58.1343

■ 67.1838, 73.1040,
10.7132

■ 86.5584, 93.4826,
73.8057

 66.9780, 72.7363,
10.5094

 91.0465, 96.9952,
92.1449

95.0498, 99.9999,
108.9000

Harmonies

Analogous

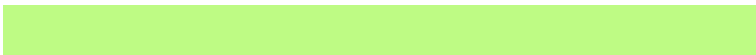
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.4914, 81.7382, 28.5900



73.6022, 81.7382, 25.8077



59.8897, 81.7382, 34.5524

Triad

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



73.6022, 81.7382, 25.8077



55.1025, 81.7382, 156.7736



110.9271, 81.7382, 128.5518

Complementary

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



73.6022, 81.7382, 25.8077



31.7027, 25.5238, 97.8631

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.



98.7074, 81.7382, 182.5154



73.6022, 81.7382, 25.8077



66.1562, 81.7382, 202.4363

Square

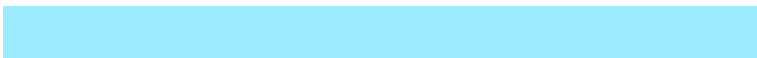
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6022, 81.7382, 25.8077



50.2396, 81.7382, 101.4567



81.9258, 81.7382, 213.2344



113.6657, 81.7382, 77.6052

Rectangle

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



73.6022, 81.7382, 25.8077



53.8366, 81.7382, 48.5102



81.9258, 81.7382, 213.2344



107.7159, 81.7382, 147.3976

Sweetspot

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



73.6041, 81.7420, 25.8094



86.9997, 93.8361, 75.5829



50.4739, 33.3665, 24.6198



18.4399, 19.9390, 15.4471



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

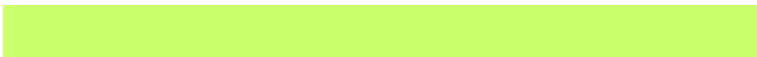
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6041, 81.7420, 25.8094



71.1061, 78.8770, 18.4061



63.0973, 85.3061, 27.0511



19.3396, 20.6475, 19.1104



35.0787, 38.1686, 5.5184



3.4709, 3.8271, 0.5558

Inverse Universe

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



31.7027, 25.5238, 97.8631



25.6866, 18.0096, 96.7301



37.5669, 25.0868, 97.4696



17.2008, 17.7733, 22.7740



9.7973, 4.5042, 49.7876



1.0118, 0.5543, 4.8669

Previews

White Background



This preview shows how the XYZ color 73.6022, 81.7382, 25.8077 looks on a white background.

Color Contrast Check

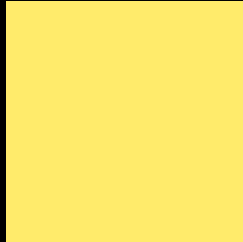
Large Text (above 18pt) WCAG AA × Fail

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 73.6022, 81.7382, 25.8077 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 73.6022, 81.7382, 25.8077

Background



This preview shows how black text looks on a background with the XYZ color 73.6022, 81.7382, 25.8077.



This preview shows how white text looks on a background with the XYZ color 73.6022, 81.7382,

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

73.6022, 81.7382, 25.8077

Protanopia

75.1782, 81.9118, 35.5152

Deuteranopia

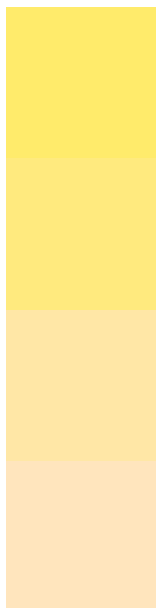
79.5681, 81.4221, 65.5552



Tritanopia

83.5767, 81.7088, 90.7233

Trichromacy



Original Color

73.6022, 81.7382, 25.8077

Protanomaly

74.4287, 81.6120, 31.5685

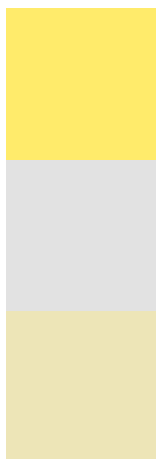
Deuteranomaly

76.6988, 81.1650, 47.7003

Tritanomaly

78.4446, 80.9727, 59.6389

Monochromacy



Original Color

73.6022, 81.7382, 25.8077

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.4916, 77.4620, 55.9834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6022, 81.7382, 25.8077 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(255, 235, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 107)  
}
```

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(255, 235, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 107) }
```

Border

The CSS property to change the border of an element to XYZ 73.6022, 81.7382, 25.8077 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(255, 235, 107) }
```


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

```
.border{ border-color:rgb(255, 235, 107) }
```

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

Here you see how a box with a 4 pixel rgb(255, 235, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6022, 81.7382, 25.8077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 107) }
```

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

```
.background{ background-color: rgb(255,  
235, 107) }
```

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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