

Converting Colors

XYZ(72.5741, 79.0685, 27.3563)

Have a look what the booklet for
XYZ(72.5741, 79.0685, 27.3563)
contains.

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Color

**XYZ(72.5741, 79.0685,
27.3563)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE672
RGB	255, 230, 114
RGB Percent	100%, 90%, 45%
CMY	0.0000, 0.0980, 0.5529
CMYK	0.00, 0.10, 0.55, 0.00
HSL	49°, 100%, 72%
HSV	49°, 55%, 100%
XYZ	72.5741, 79.0685, 27.3563
YIQ	224.2510, 52.1360, -30.7760

Conversions

Conversions Part 2

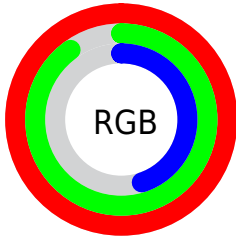
Format	Color
R_{YB}	144, 255, 114
Decimal	16770674
CIE _{Lab}	91.27, -5.35, 58.74
CIE _{LCh}	91, 58.982, 95.203
Yxy	79.0685, 0.4054, 0.4417
Android (android.graphics.Color)	4294960754 (0xFFFFE672)
YUV	224.2510, -54.3537, 26.9669
Hunter-Lab	88.9205, -9.9247, 44.0038

Details

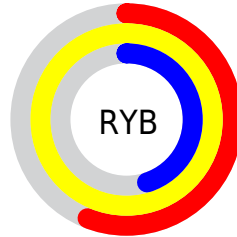
The XYZ color **72.5741, 79.0685, 27.3563** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **34.2219, 29.2618, 98.4518**, and the grayscale version is **71.3835, 75.1009, 81.7849**.

A 20% lighter version of the original color is **84.1614, 95.6446, 51.5616**, and **38.9105, 42.7220, 10.4703** is the 20% darker color. If you saturate the color by 10%, you get **70.0792, 76.0867, 20.3349**, and if you desaturate by 10%, it is **75.5100, 82.2848, 36.5221**.

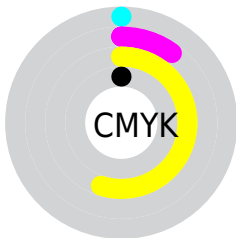
Distribution



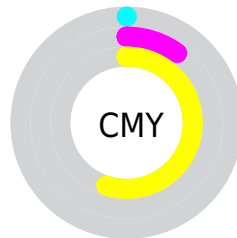
- Red (100%)
- Green (90%)
- Blue (45%)



- Red (56%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (10%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5741, 79.0685, 27.3563 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 72.5741, 79.0685, 27.3563 by changing the saturation by 10% instead.

72.5741, 79.0685,
27.3563

72.5741, 79.0685,
27.3563

458.6641,
491.7880, 303.1927

53.9149, 58.9521,
17.6062

121.8788,
132.0553, 56.4658

38.7640, 42.5746,
10.5011

153.2550,
165.6945, 76.6622

26.7561, 29.5515,
5.6225

189.6010,
204.6101, 101.1778

17.5258, 19.4984,
2.5519

231.2820,
249.1865, 130.4312

10.7077, 12.0310,
0.8675

278.6635,
299.8081, 164.8408

5.9365, 6.7648,
0.0000

332.1107,

2.8468, 3.3154,

356.8593, 204.8252

0.0000

391.9891,
420.7245, 250.8030

■ 1.0733, 1.2985,
0.0000

■ 0.0026, 0.1401,
0.0000

■ 72.5741, 79.0685,
27.3563

■ 72.5741, 79.0685,
27.3563

■ 70.0792, 76.0867,
20.3349

■ 75.5100, 82.2848,
36.5221

■ 67.9847, 73.3140,
15.2710


■ 78.9119, 85.7371,
47.9887


■ 66.2521, 70.7374,
11.9538

■ 82.8098, 89.4408,
61.9034

■ 64.8313, 68.3365,
10.1212

■ 87.2292, 93.4064,
78.3997

 64.2367, 67.2536,
9.5956

 92.1938, 97.6438,
97.6017

95.0499, 99.9999,
108.9000

Harmonies

Analogous

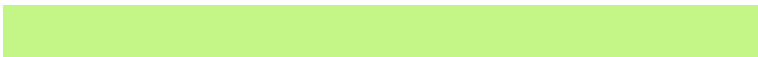
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.8720, 79.0685, 30.8758



72.5741, 79.0685, 27.3563



59.7614, 79.0685, 34.8019

Triad

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



72.5741, 79.0685, 27.3563



54.0153, 79.0685, 142.8422



104.4025, 79.0685, 125.4661

Complementary

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



72.5741, 79.0685, 27.3563



34.2219, 29.2618, 98.4518

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.



92.9818, 79.0685, 172.4627



72.5741, 79.0685, 27.3563



63.7233, 79.0685, 184.6072

Square

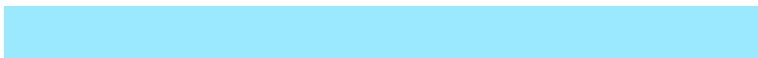
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5741, 79.0685, 27.3563



49.9940, 79.0685, 93.7799



77.7907, 79.0685, 196.9366



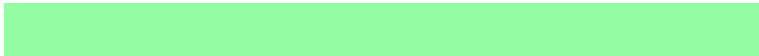
107.5884, 79.0685, 78.8364

Rectangle

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



72.5741, 79.0685, 27.3563



53.9216, 79.0685, 47.1216



77.7907, 79.0685, 196.9366



101.3313, 79.0685, 142.1734

Sweetspot

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



72.5760, 79.0722, 27.3579



86.4370, 92.7106, 75.3953



51.9803, 35.1844, 28.8056



18.3058, 19.6707, 15.4024



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.



72.5760, 79.0722, 27.3579



69.9185, 75.8840, 19.9147



65.4757, 86.4879, 29.1635



19.2712, 20.5106, 19.0876



33.6649, 35.3410, 5.0472



3.3463, 3.5779, 0.5142

Inverse Universe

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



34.2219, 29.2618, 98.4518



28.2595, 21.8458, 97.3350



38.2968, 26.5908, 97.7215



17.2633, 17.8982, 22.7948



10.0007, 4.9110, 49.8554



1.0415, 0.6136, 4.8768

Previews

White Background



This preview shows how the XYZ color 72.5741, 79.0685, 27.3563 looks on a white background.

Color Contrast Check

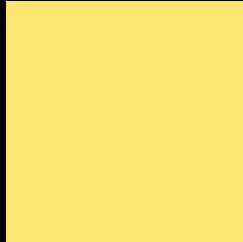
Large Text (above 18pt) WCAG AA × Fail

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 72.5741, 79.0685, 27.3563 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 72.5741, 79.0685, 27.3563

Background



This preview shows how black text looks on a background with the XYZ color 72.5741, 79.0685, 27.3563.



This preview shows how white text looks on a background with the XYZ color 72.5741, 79.0685,

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

72.5741, 79.0685, 27.3563

Protanopia

72.2071, 78.8794, 27.3391

Deuteranopia

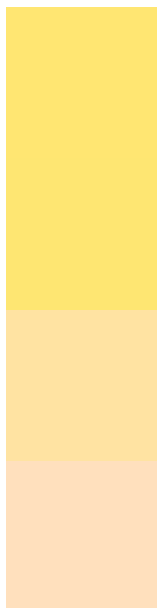
77.4595, 78.8281, 59.8480



Tritanopia

81.6619, 78.7991, 87.2496

Trichromacy



Original Color

72.5741, 79.0685, 27.3563

Protanomaly

72.2071, 78.8794, 27.3391

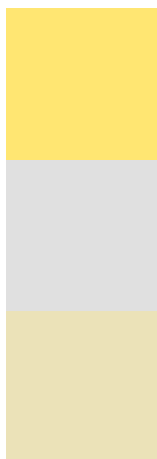
Deuteranomaly

75.2307, 78.8068, 45.4286

Tritanomaly

77.0810, 78.2454, 59.1844

Monochromacy



Original Color

72.5741, 79.0685, 27.3563

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.1090, 75.5156, 56.2282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5741, 79.0685, 27.3563 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, 230, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 114)  
}
```

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, 230, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 114) }
```

Border

The CSS property to change the border of an element to XYZ 72.5741, 79.0685, 27.3563 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, 230, 114) }
```


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

```
.border{ border-color:rgb(255, 230, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5741, 79.0685, 27.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 114) }
```

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

```
.background{ background-color: rgb(255,  
230, 114) }
```

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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