

Converting Colors

XYZ(72.3513, 78.9794, 26.1831)

Have a look what the booklet for
XYZ(72.3513, 78.9794, 26.1831)
contains.

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Color

**XYZ(72.3513, 78.9794,
26.1831)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE66E
RGB	255, 230, 110
RGB Percent	100%, 90%, 43%
CMY	0.0000, 0.0980, 0.5686
CMYK	0.00, 0.10, 0.57, 0.00
HSL	50°, 100%, 72%
HSV	50°, 57%, 100%
XYZ	72.3513, 78.9794, 26.1831
YIQ	223.7950, 53.4200, -32.0200

Conversions

Conversions Part 2

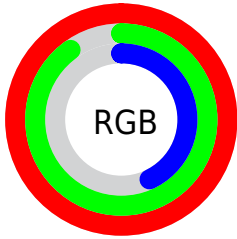
Format	Color
R_{YB}	140, 255, 110
Decimal	16770670
CIE Lab	91.22, -5.64, 60.50
CIE LCh	91, 60.763, 95.329
Yxy	78.9794, 0.4076, 0.4449
Android (android.graphics.Color)	4294960750 (0xFFFFE66E)
YUV	223.7950, -56.1009, 27.3668
Hunter-Lab	88.8704, -10.2024, 44.7412

Details

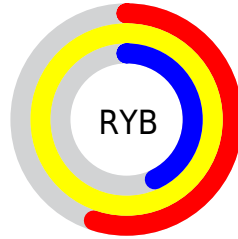
The XYZ color **72.3513, 78.9794, 26.1831** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **33.1442, 27.8621, 98.2384**, and the grayscale version is **71.0682, 74.7692, 81.4237**.

A 20% lighter version of the original color is **83.7915, 95.4966, 49.6137**, and **38.5495, 42.5476, 9.9221** is the 20% darker color. If you saturate the color by 10%, you get **69.9506, 76.0895, 19.4912**, and if you desaturate by 10%, it is **75.1860, 82.0982, 34.9918**.

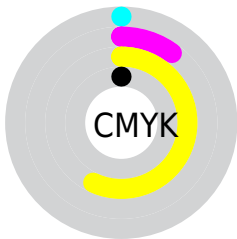
Distribution



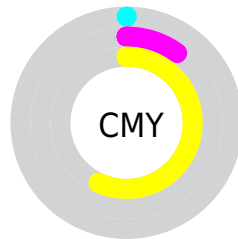
- Red (100%)
- Green (90%)
- Blue (43%)



- Red (55%)
- Yellow (100%)
- Blue (43%)



- Cyan (0%)
- Magenta (10%)
- Yellow (57%)
- Black (0%)





- Cyan (0%)
- Magenta (10%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.3513, 78.9794, 26.1831 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 72.3513, 78.9794, 26.1831 by changing the saturation by 10% instead.


 72.3513, 78.9794,
26.1831

 72.3513, 78.9794,
26.1831


457.9021,
491.4867, 297.3138


 53.7322, 58.8789,
16.7337


 121.5640,
131.9299, 54.5579

 38.6174, 42.5156,
9.8848


 152.8882,
165.5486, 74.3203

 26.6416, 29.5052,
5.2181


 189.1782,
204.4422, 98.3575

 17.4394, 19.4634,
2.3148


230.7994,
248.9950, 127.0880

 10.6455, 12.0056,
0.7395

278.1169,
299.5914, 160.9304

 5.8945, 6.7475,
0.0000

331.4964,

 2.8211, 3.3047,

356.6160, 200.3031

0.0000

391.3030,
420.4529, 245.6247

■ 1.0599, 1.2928,
0.0000

■ 0.0000, 0.1356,
0.0000

■ 72.3513, 78.9794,
26.1831

■ 72.3513, 78.9794,
26.1831

■ 69.9506, 76.0895,
19.4912

■ 75.1860, 82.0982,
34.9918

■ 67.9428, 73.4027,
14.7253


■ 78.4804, 85.4477,
46.0765


■ 66.2880, 70.9057,
11.6685

■ 82.2647, 89.0432,
59.5867

■ 64.9336, 68.5772,
10.0442

■ 86.5649, 92.8955,
75.6577

 64.5454, 67.8710,
9.6985

 91.4048, 97.0144,
94.4149

95.0498, 99.9999,
108.9000

Harmonies

Analogous

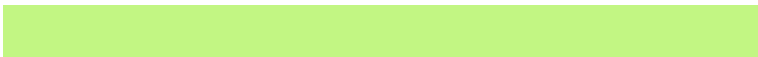
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1167, 78.9794, 29.6641



72.3513, 78.9794, 26.1831



59.2151, 78.9794, 33.7084

Triad

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



72.3513, 78.9794, 26.1831



53.4105, 78.9794, 144.9387



105.3149, 78.9794, 126.4670

Complementary

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



72.3513, 78.9794, 26.1831



33.1442, 27.8621, 98.2384

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.



93.5233, 78.9794, 175.3826



72.3513, 78.9794, 26.1831



63.3748, 78.9794, 188.3544

Square

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



72.3513, 78.9794, 26.1831



49.2785, 78.9794, 94.1129



77.8509, 78.9794, 201.0663



108.5746, 78.9794, 78.3582

Rectangle

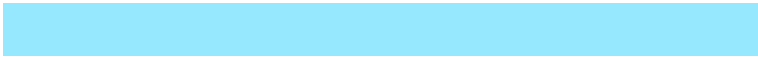
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.3513, 78.9794, 26.1831



53.2553, 78.9794, 46.2155



77.8509, 78.9794, 201.0663



102.1455, 78.9794, 143.8127

Sweetspot

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



72.3532, 78.9831, 26.1847



86.5019, 92.8406, 75.4170



51.3019, 34.2068, 27.4102



18.3213, 19.7017, 15.4075



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.



72.3532, 78.9831, 26.1847



69.7031, 75.7737, 18.8551



64.8928, 86.2132, 27.9734



19.2791, 20.5265, 19.0902



33.8242, 35.6597, 5.1003



3.3604, 3.6061, 0.5189

Inverse Universe

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



33.1442, 27.8621, 98.2384



27.2329, 20.4718, 97.1239



37.3209, 25.4324, 97.5493



17.2560, 17.8837, 22.7924



9.9744, 4.8584, 49.8466



1.0379, 0.6064, 4.8756

Previews

White Background



This preview shows how the XYZ color 72.3513, 78.9794, 26.1831 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 72.3513, 78.9794, 26.1831 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 72.3513, 78.9794, 26.1831

Background



This preview shows how black text looks on a background with the XYZ color 72.3513, 78.9794, 26.1831.



This preview shows how white text looks on a background with the XYZ color 72.3513, 78.9794,

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

72.3513, 78.9794, 26.1831

Protanopia

72.3513, 78.9794, 26.1831

Deuteranopia

77.3505, 78.7846, 59.2742



Tritanopia

81.6619, 78.7991, 87.2496

Trichromacy



Original Color

72.3513, 78.9794, 26.1831

Protanomaly

72.3513, 78.9794, 26.1831



Deuteranomaly

75.0542, 78.7362, 44.4995



Tritanomaly

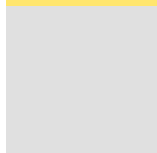
76.9728, 78.2021, 58.6146

Monochromacy



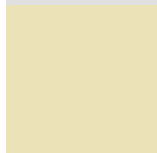
Original Color

72.3513, 78.9794, 26.1831



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

70.0045, 75.4738, 55.6780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3513, 78.9794, 26.1831 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 110)  
}
```

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, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 110) }
```

Border

The CSS property to change the border of an element to XYZ 72.3513, 78.9794, 26.1831 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, 110) }
```


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

```
.border{ border-color:rgb(255, 230, 110) }
```

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, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3513, 78.9794, 26.1831 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, 110) }
```

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

```
.background{ background-color: rgb(255,  
230, 110) }
```

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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