

Converting Colors

XYZ(71.5689, 78.0542, 31.0325)

Have a look what the booklet for
XYZ(71.5689, 78.0542, 31.0325)
contains.

XYZ(71.5689, 78.0542, 31.0325)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.5689, 78.0542,
31.0325)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE57E
RGB	251, 229, 126
RGB Percent	98%, 90%, 49%
CMY	0.0157, 0.1019, 0.5059
CMYK	0.00, 0.09, 0.50, 0.02
HSL	49°, 94%, 74%
HSV	49°, 50%, 98%
XYZ	71.5689, 78.0542, 31.0325
YIQ	223.8360, 46.1750, -27.3690

Conversions

Conversions Part 2

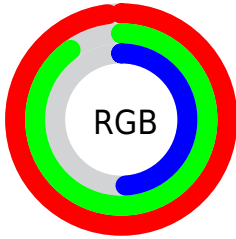
Format	Color
RYB	153, 251, 126
Decimal	16508286
CIELab	90.80, -5.48, 52.53
CIELCh	91, 52.813, 95.959
Yxy	78.0542, 0.3962, 0.4321
Android (android.graphics.Color)	4294698366 (0xFFFBE57E)
YUV	223.8360, -48.2331, 23.8228
Hunter-Lab	88.3483, -10.0108, 41.0181

Details

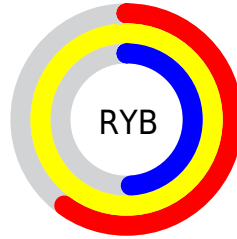
The XYZ color **71.5689, 78.0542, 31.0325** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **36.6064, 32.5794, 95.6257**, and the grayscale version is **71.0466, 74.7466, 81.3990**.

A 20% lighter version of the original color is **85.3405, 96.1162, 57.7704**, and **38.1103, 41.9730, 12.5715** is the 20% darker color. If you saturate the color by 10%, you get **68.9423, 75.0760, 23.1444**, and if you desaturate by 10%, it is **74.6366, 81.2644, 41.0738**.

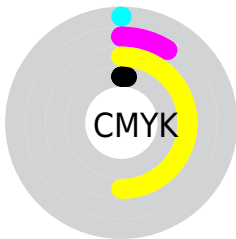
Distribution



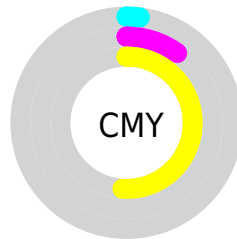
- Red (98%)
- Green (90%)
- Blue (49%)



- Red (60%)
- Yellow (98%)
- Blue (49%)



- Cyan (0%)
- Magenta (9%)
- Yellow (50%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5689, 78.0542, 31.0325 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 71.5689, 78.0542, 31.0325 by changing the saturation by 10% instead.

71.5689, 78.0542,
31.0325

71.5689, 78.0542,
31.0325

455.2207,
488.3509, 321.0439

53.0908, 58.1185,
20.3649

120.4575,
130.6265, 62.3714

38.1030, 41.9039,
12.4739

151.5988,
164.0319, 83.8798

26.2402, 29.0261,
6.9408

187.6918,
202.6961, 109.8389

17.1371, 19.1005,
3.3472

229.1019,
247.0033, 140.6673

10.4282, 11.7430,
1.2746

276.1945,
297.3379, 176.7834

5.7482, 6.5689,
0.0408

329.3349,

2.7318, 3.1940,

354.0845, 218.6059

0.0000

388.8885,
417.6274, 266.5532

■ 1.0136, 1.2338,
0.0000

■ 0.0000, 0.0891,
0.0000

■ 71.5689, 78.0542,
31.0325

■ 71.5689, 78.0542,
31.0325

■ 68.9423, 75.0760,
23.1444

■ 74.6366, 81.2644,
41.0738

■ 66.7201, 72.3059,
17.2415

■ 78.1679, 84.7073,
53.4098

■ 64.8684, 69.7331,
13.1386

■ 82.1901, 88.3970,
68.1757

■ 63.3447, 67.3402,
10.6135

■ 86.7269, 92.3434,
85.4946

■ 62.0809, 65.0995,
9.3079

■ 91.8003, 96.5555,
105.4815

■ 62.0568, 65.0555,
9.2862

■ 93.5936, 99.2492,
108.8318

Harmonies

Analogous

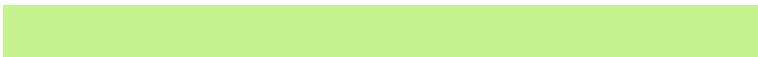
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.0837, 78.0542, 34.1714



71.5689, 78.0542, 31.0325



60.1825, 78.0542, 38.4760

Triad

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



71.5689, 78.0542, 31.0325



55.3808, 78.0542, 135.5637



100.0343, 78.0542, 118.3938

Complementary

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



71.5689, 78.0542, 31.0325



36.6064, 32.5794, 95.6257

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.



90.2138, 78.0542, 158.9807



71.5689, 78.0542, 31.0325



64.2650, 78.0542, 170.7867

Square

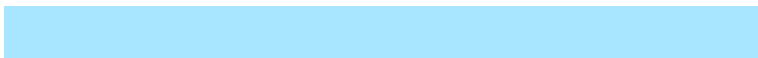
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5689, 78.0542, 31.0325



51.5808, 78.0542, 92.8075



76.8706, 78.0542, 180.4348



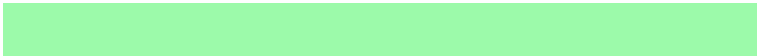
102.5906, 78.0542, 77.6201

Rectangle

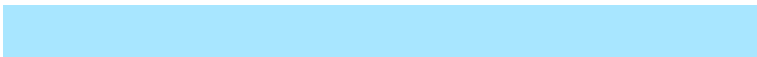
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.5689, 78.0542, 31.0325



54.9784, 78.0542, 50.2742



76.8706, 78.0542, 180.4348



97.4205, 78.0542, 132.8448

Sweetspot

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



71.5708, 78.0578, 31.0341



87.3823, 93.5576, 78.9282



52.6631, 37.5990, 32.8815



18.4942, 19.8420, 16.0988



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

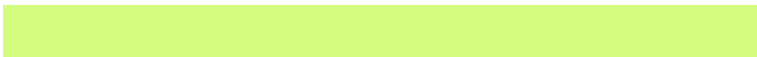
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.5708, 78.0578, 31.0341



71.4036, 77.7499, 23.8142



65.2469, 84.4113, 32.5937



18.4524, 19.6406, 18.2809



32.7163, 34.3893, 4.9135



3.0960, 3.3168, 0.4770

Inverse Universe

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



36.6064, 32.5794, 95.6257



31.3693, 25.7243, 97.9197



40.5128, 29.9497, 94.9122



16.5299, 17.1366, 21.8218



9.7022, 4.7601, 48.3810



0.9647, 0.5731, 4.5030

Previews

White Background



This preview shows how the XYZ color 71.5689, 78.0542, 31.0325 looks on a white background.

Color Contrast Check

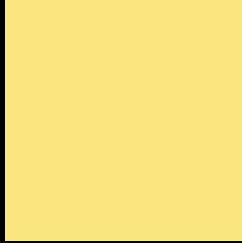
Large Text (above 18pt) WCAG AA × Fail

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 71.5689, 78.0542, 31.0325 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 71.5689, 78.0542, 31.0325

Background



This preview shows how black text looks on a background with the XYZ color 71.5689, 78.0542, 31.0325.



This preview shows how white text looks on a background with the XYZ color 71.5689, 78.0542,

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

71.5689, 78.0542, 31.0325

Protanopia

71.9301, 78.2404, 31.0495

Deuteranopia

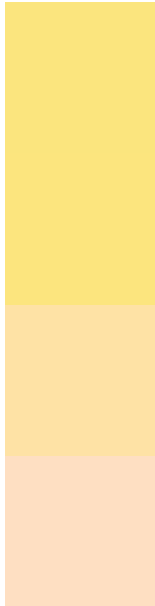
76.9728, 78.2021, 58.6146



Tritanopia

81.2795, 77.8062, 87.8250

Trichromacy



Original Color

71.5689, 78.0542, 31.0325

Protanomaly

71.9301, 78.2404, 31.0495

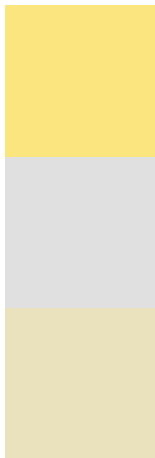
Deuteranomaly

74.8609, 78.1802, 46.7420

Tritanomaly

76.9983, 77.7412, 61.9862

Monochromacy



Original Color

71.5689, 78.0542, 31.0325

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.2051, 75.5160, 58.4528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5689, 78.0542, 31.0325 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(251, 229, 126)` looks like.

```
.text, #text, p{  
    color:rgb(251, 229, 126)  
}
```

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(251, 229, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 229, 126) }
```

Border

The CSS property to change the border of an element to XYZ 71.5689, 78.0542, 31.0325 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(251, 229, 126) }
```


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

```
.border{ border-color:rgb(251, 229, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 229, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 229, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 229, 126);  
box-shadow:4px 4px 4px 4px rgb(251, 229,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5689, 78.0542, 31.0325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 229, 126) }
```

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

```
.background{ background-color: rgb(251,  
229, 126) }
```

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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