

Converting Colors

XYZ(64.7032, 69.0718, 26.1416)

Have a look what the booklet for
XYZ(64.7032, 69.0718, 26.1416)
contains.

XYZ(64.7032, 69.0718, 26.1416)	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(64.7032, 69.0718,
26.1416)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D773
RGB	244, 215, 115
RGB Percent	96%, 84%, 45%
CMY	0.0431, 0.1568, 0.5490
CMYK	0.00, 0.12, 0.53, 0.04
HSL	47°, 85%, 70%
HSV	47°, 53%, 96%
XYZ	64.7032, 69.0718, 26.1416
YIQ	212.2710, 49.3840, -24.9520

Conversions

Conversions Part 2

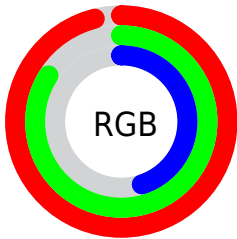
Format	Color
RYB	152, 244, 115
Decimal	16045939
CIELab	86.54, -2.14, 52.49
CIELCh	87, 52.531, 92.331
Yxy	69.0718, 0.4046, 0.4319
Android (android.graphics.Color)	4294236019 (0xFFFF4D773)
YUV	212.2710, -47.9546, 27.8263
Hunter-Lab	83.1094, -6.4739, 39.5273

Details

The XYZ color **64.7032, 69.0718, 26.1416** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **33.3723, 30.1220, 89.6429**, and the grayscale version is **63.0473, 66.3307, 72.2341**.

A 20% lighter version of the original color is **84.1614, 95.6446, 51.5616**, and **33.6497, 36.1629, 9.9092** is the 20% darker color. If you saturate the color by 10%, you get **62.1082, 65.8392, 19.2427**, and if you desaturate by 10%, it is **67.7199, 72.5532, 35.0156**.

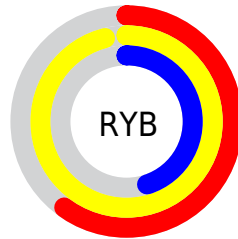
Distribution



Red (96%)

Green (84%)

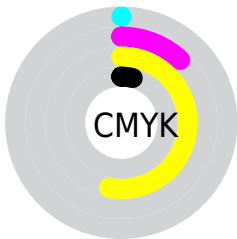
Blue (45%)



Red (60%)

Yellow (96%)

Blue (45%)

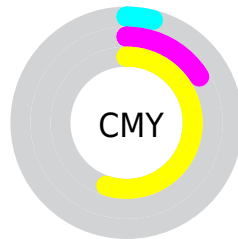


Cyan (0%)

Magenta (12%)

Yellow (53%)

Black (4%)



Cyan (4%)

Magenta (16%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.7032, 69.0718, 26.1416 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 64.7032, 69.0718, 26.1416 by changing the saturation by 10% instead.

64.7032, 69.0718,
26.1416

64.7032, 69.0718,
26.1416

431.2867,
457.2842, 297.1041

47.4843, 50.7702,
16.7029

110.6911,
117.8841, 54.4902

33.6282, 36.0257,
9.8632

140.1908,
149.1636, 74.2371

22.7696, 24.4541,
5.2039

174.5148,
185.5379, 98.2572

14.5433, 15.6708,
2.3066

214.0285,
227.3913, 126.9690

8.5837, 9.2915,
0.7349

259.0971,
275.1082, 160.7911

4.5256, 4.9318,
0.0000

310.0862,

2.0036, 2.2073,

329.0731, 200.1419

0.0000

367.3609,
389.6703, 245.4401

■ 0.6360, 0.7240,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.7032, 69.0718,
26.1416

■ 64.7032, 69.0718,
26.1416

■ 62.1082, 65.8392,
19.2427

■ 67.7199, 72.5532,
35.0156

■ 59.8994, 62.8327,
14.1565


■ 71.1806, 76.2852,
46.0015


■ 58.0435, 60.0407,
10.7018


■ 75.1116, 80.2816,
59.2287


■ 56.4979, 57.4457,
8.6574


■ 79.5356, 84.5523,
74.8149

 55.5398, 55.6965,
7.8232

 84.4739, 89.1064,
92.8697

 88.8982, 93.5332,
107.9760

 90.6083, 96.9534,
108.5461

 91.1181, 97.9730,
108.7160

Harmonies

Analogous

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



77.1317, 69.0718, 30.0876



64.7032, 69.0718, 26.1416



53.9105, 69.0718, 31.5924

Triad

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



64.7032, 69.0718, 26.1416



47.7910, 69.0718, 117.0606



88.6412, 69.0718, 110.8315

Complementary

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



64.7032, 69.0718, 26.1416



33.3723, 30.1220, 89.6429

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.



78.9824, 69.0718, 147.2675



64.7032, 69.0718, 26.1416



55.3695, 69.0718, 151.5765

Square

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



64.7032, 69.0718, 26.1416



44.9291, 69.0718, 77.9672



66.6074, 69.0718, 164.0474



91.9274, 69.0718, 72.5136

Rectangle

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



64.7032, 69.0718, 26.1416



48.8101, 69.0718, 41.2279



66.6074, 69.0718, 164.0474



85.9777, 69.0718, 124.0650

Sweetspot

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



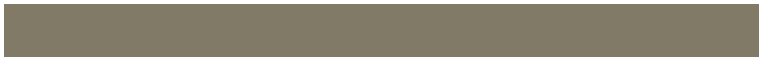
64.7049, 69.0751, 26.1430



86.3072, 91.9333, 76.9484



48.5579, 33.5426, 30.7444



18.2554, 19.4679, 15.7000



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.



64.7049, 69.0751, 26.1430



68.5796, 72.6814, 21.0866



61.9100, 79.5821, 28.3184



17.5803, 18.6448, 17.4698



30.3066, 30.4988, 4.2895



2.7393, 2.8318, 0.4022

Inverse Universe

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



33.3723, 30.1220, 89.6429



30.7457, 25.7055, 97.9489



34.9280, 25.2212, 88.6149



15.8832, 16.5308, 20.8962



9.7011, 5.1961, 47.0297



0.9266, 0.6047, 4.1581

Previews

White Background



This preview shows how the XYZ color 64.7032, 69.0718, 26.1416 looks on a white background.

Color Contrast Check

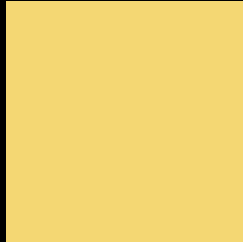
Large Text (above 18pt) WCAG AA × Fail

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 64.7032, 69.0718, 26.1416 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 64.7032, 69.0718, 26.1416

Background



This preview shows how black text looks on a background with the XYZ color 64.7032, 69.0718, 26.1416.

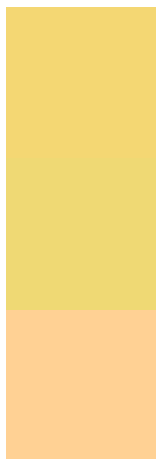


This preview shows how white text looks on a background with the XYZ color 64.7032, 69.0718,

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

64.7032, 69.0718, 26.1416

Protanopia

63.5618, 69.2374, 26.5371

Deuteranopia

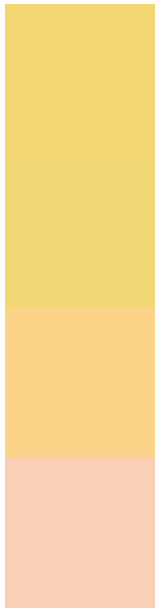
69.3858, 68.9990, 37.6781



Tritanopia

75.0152, 68.8972, 76.3626

Trichromacy



Original Color

64.7032, 69.0718, 26.1416

Protanomaly

63.9839, 69.0735, 26.4832

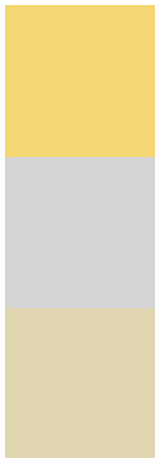
Deuteranomaly

67.5219, 68.8753, 33.0280

Tritanomaly

70.0777, 68.2858, 53.2031

Monochromacy



Original Color

64.7032, 69.0718, 26.1416

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.4705, 66.6101, 51.1595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7032, 69.0718, 26.1416 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(244, 215, 115)` looks like.

```
.text, #text, p{  
    color:rgb(244, 215, 115)  
}
```

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(244, 215, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 215, 115) }
```

Border

The CSS property to change the border of an element to XYZ 64.7032, 69.0718, 26.1416 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(244, 215, 115) }
```


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

```
.border{ border-color:rgb(244, 215, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 215, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 215, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 215, 115);  
box-shadow:4px 4px 4px 4px rgb(244, 215,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7032, 69.0718, 26.1416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 215, 115) }
```

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

```
.background{ background-color: rgb(244,  
215, 115) }
```

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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