

Converting Colors

XYZ(66.2403, 69.5687, 40.9963)

Have a look what the booklet for
XYZ(66.2403, 69.5687, 40.9963)
contains.

XYZ(66.1520, 69.4927, 40.9372)	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(66.1520, 69.4927,
40.9372)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D79B
RGB	240, 215, 155
RGB Percent	94%, 84%, 61%
CMY	0.0588, 0.1568, 0.3921
CMYK	0.00, 0.10, 0.35, 0.06
HSL	42°, 74%, 77%
HSV	42°, 35%, 94%
XYZ	66.1520, 69.4927, 40.9372
YIQ	215.6350, 34.1600, -13.3600

Conversions

Conversions Part 2

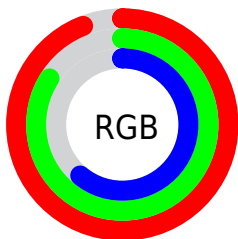
Format	Color
R_{YB}	190, 240, 155
Decimal	15783835
CIE _{Lab}	86.75, 0.23, 32.80
CIE _{LCh}	87, 32.802, 89.605
Yxy	69.4927, 0.3746, 0.3935
Android (android.graphics.Color)	4293973915 (0xFFFF0D79B)
YUV	215.6350, -29.8931, 21.3681
Hunter-Lab	83.3623, -4.2356, 29.2377

Details

The XYZ color **66.1520, 69.4927, 40.9372** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.5666, 45.9009, 88.8962**, and the grayscale version is **65.2040, 68.5997, 74.7050**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **34.5474, 36.1882, 17.9961** is the 20% darker color. If you saturate the color by 10%, you get **62.5755, 65.2508, 30.7701**, and if you desaturate by 10%, it is **70.2102, 74.0563, 53.2427**.

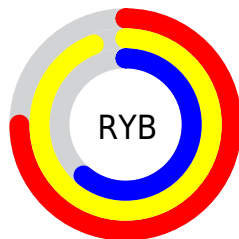
Distribution



Red (94%)

Green (84%)

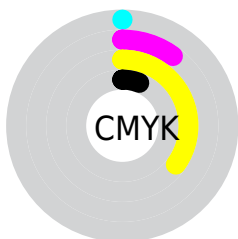
Blue (61%)



Red (75%)

Yellow (94%)

Blue (61%)

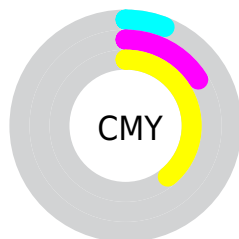


Cyan (0%)

Magenta (10%)

Yellow (35%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1520, 69.4927, 40.9372 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 66.1520, 69.4927, 40.9372 by changing the saturation by 10% instead.

66.1520, 69.4927,
40.9372

66.1520, 69.4927,
40.9372

436.4004,
458.7668, 365.7269

48.6640, 51.1131,
27.9507

112.7610,
118.4850, 77.8412

34.5664, 36.2986,
18.0498

142.6126,
149.8665, 102.5957

23.4940, 24.6649,
10.8159

177.3162,
186.3507, 132.1101

15.0814, 15.8276,
5.8306

217.2371,
228.3221, 166.8027

8.9632, 9.4022,
2.6752

262.7406,
276.1650, 207.0921

4.7741, 5.0045,
0.9309

314.1920,

2.1487, 2.2499,

330.2638, 253.3970

0.0000

371.9569,
391.0029, 306.1357

■ 0.7155, 0.7470,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.1520, 69.4927,
40.9372

■ 66.1520, 69.4927,
40.9372

■ 62.5755, 65.2508,
30.7701

■ 70.2102, 74.0563,
53.2427

■ 59.4505, 61.3096,
22.6111

■ 74.7676, 78.9426,
67.7980

■ 56.7515, 57.6597,
16.3223

■ 79.8473, 84.1648,
84.7116

■ 54.4477, 54.2872,
11.7467

■ 85.4691, 89.7325,
104.0839

■ 52.5033, 51.1761,
8.7010

■ 88.2617, 94.2984,
108.1573

■ 50.8745, 48.3073,
6.9595

■ 89.7452, 97.2653,
108.6517

■ 50.2028, 47.0605,
6.4376

Harmonies

Analogous

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



73.7581, 69.4927, 44.8933



66.1520, 69.4927, 40.9372



59.0625, 69.4927, 44.6889

Triad

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



66.1520, 69.4927, 40.9372



54.0945, 69.4927, 98.3872



79.5357, 69.4927, 98.9866

Complementary

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



66.1520, 69.4927, 40.9372



45.5666, 45.9009, 88.8962

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.



73.5695, 69.4927, 118.4092



66.1520, 69.4927, 40.9372



58.8999, 69.4927, 118.0189

Square

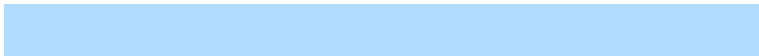
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.1520, 69.4927, 40.9372



52.4350, 69.4927, 75.3762



65.9496, 69.4927, 125.9589



81.8404, 69.4927, 75.9560

Rectangle

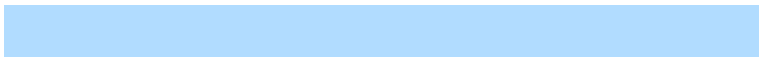
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.1520, 69.4927, 40.9372



55.4921, 69.4927, 51.5648



65.9496, 69.4927, 125.9589



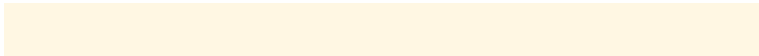
77.8704, 69.4927, 106.3038

Sweetspot

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



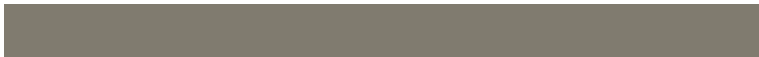
66.1538, 69.4959, 40.9386



88.2831, 93.1731, 85.9681



55.9463, 45.2844, 49.2404



18.7288, 19.7699, 17.8461



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.



66.1538, 69.4959, 40.9386



73.1007, 76.4416, 38.8774



67.5082, 80.3748, 42.9671



16.7075, 17.6282, 16.6717



27.6026, 26.0032, 3.5643



2.3820, 2.3346, 0.3251

Inverse Universe

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



45.5666, 45.9009, 88.8962



46.4436, 45.9045, 101.0204



44.4635, 38.5055, 87.5269



15.2760, 15.9861, 20.0021



9.9285, 6.0812, 45.7784



0.9090, 0.6720, 3.8360

Previews

White Background



This preview shows how the XYZ color 66.1520, 69.4927, 40.9372 looks on a white background.

Color Contrast Check

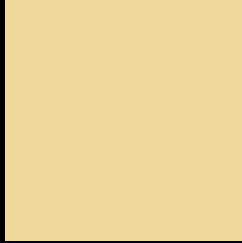
Large Text (above 18pt) WCAG AA × Fail

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 66.1520, 69.4927, 40.9372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

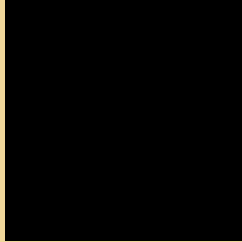
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1520, 69.4927, 40.9372

Background



This preview shows how black text looks on a background with the XYZ color 66.1520, 69.4927, 40.9372.



This preview shows how white text looks on a background with the XYZ color 66.1520, 69.4927,

40.9372.

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

66.1520, 69.4927, 40.9372

Protanopia

64.7453, 69.5184, 41.4584

Deuteranopia

70.5621, 69.4696, 43.8724



Tritanopia

73.6139, 69.1907, 78.5825

Trichromacy



Original Color

66.1520, 69.4927, 40.9372

Protanomaly

65.1487, 69.3449, 41.4037

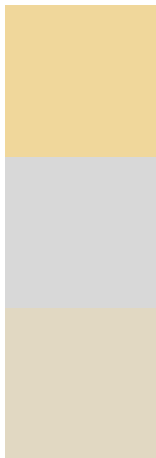
Deuteranomaly

68.9766, 69.4157, 42.5640

Tritanomaly

70.3017, 68.9112, 63.0220

Monochromacy



Original Color

66.1520, 69.4927, 40.9372

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.3448, 69.0143, 60.9160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1520, 69.4927, 40.9372 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(240, 215, 155)` looks like.

```
.text, #text, p{  
    color:rgb(240, 215, 155)  
}
```

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(240, 215, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 215, 155) }
```

Border

The CSS property to change the border of an element to XYZ 66.1520, 69.4927, 40.9372 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(240, 215, 155) }
```


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

```
.border{ border-color:rgb(240, 215, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 215, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 215, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 215, 155);  
box-shadow:4px 4px 4px 4px rgb(240, 215,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1520, 69.4927, 40.9372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 215, 155) }
```

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

```
.background{ background-color: rgb(240,  
215, 155) }
```

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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