

Converting Colors

XYZ(66.6505, 64.4059, 40.7052)

Have a look what the booklet for
XYZ(66.6505, 64.4059, 40.7052)
contains.

XYZ(66.5237, 64.2521, 40.7940)	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(66.5237, 64.2521,
40.7940)**

Conversions

Conversions Part 1

Format	Color
Hex	FBC89D
RGB	251, 200, 157
RGB Percent	98%, 78%, 62%
CMY	0.0157, 0.2157, 0.3843
CMYK	0.00, 0.20, 0.37, 0.02
HSL	27°, 92%, 80%
HSV	27°, 37%, 98%
XYZ	66.5237, 64.2521, 40.7940
YIQ	210.3470, 44.1990, -2.5610

Conversions

Conversions Part 2

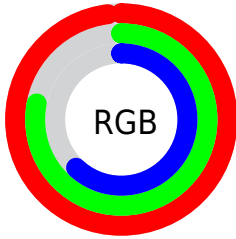
Format	Color
R _Y B	251, 236, 157
Decimal	16500893
CIE Lab	84.10, 12.48, 28.40
CIE LCh	84, 31.021, 66.278
Yxy	64.2521, 0.3877, 0.3745
Android (android.graphics.Color)	4294690973 (0xFFFBC89D)
YUV	210.3470, -26.3001, 35.6527
Hunter-Lab	80.1574, 7.8641, 25.9361

Details

The XYZ color **66.5237, 64.2521, 40.7940** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.8722, 59.2427, 99.8623**, and the grayscale version is **61.6351, 64.8450, 70.6162**.

A 20% lighter version of the original color is **88.8837, 97.5335, 76.4285**, and **34.8210, 32.9151, 17.8826** is the 20% darker color. If you saturate the color by 10%, you get **61.5829, 57.4548, 29.6387**, and if you desaturate by 10%, it is **72.1889, 71.7934, 54.3639**.

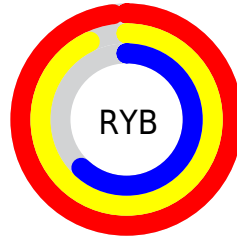
Distribution



Red (98%)

Green (78%)

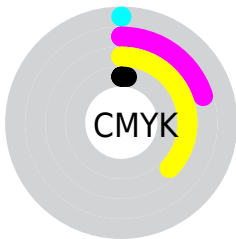
Blue (62%)



Red (98%)

Yellow (93%)

Blue (62%)

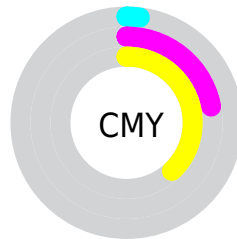


Cyan (0%)

Magenta (20%)

Yellow (37%)

Black (2%)



Cyan (2%)


Magenta (22%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.5237, 64.2521, 40.7940 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 66.5237, 64.2521, 40.7940 by changing the saturation by 10% instead.


 66.5237, 64.2521,
40.7940


 66.5237, 64.2521,
40.7940


437.7067,
440.0995, 365.1100

 48.9669, 46.8549,
27.8397


 113.2912,
110.9739, 77.6213

 34.8077, 32.9210,
17.9668


 143.2327,
141.0673, 102.3314

 23.6806, 22.0659,
10.7570


178.0331,
176.1616, 131.7972

 15.2203, 13.9053,
5.7916

218.0578,
216.6411, 166.4372

 9.0615, 8.0548,
2.6520

263.6721,
262.8902, 206.6699

 4.8387, 4.1301,
0.9191

315.2415,

 2.1867, 1.7466,

315.2934, 252.9139

0.0000

373.1312,
374.2350, 305.5878

0.7357, 0.4535,
0.0000

0.0000, 0.0000,
0.0000

66.5237, 64.2521,
40.7940

66.5237, 64.2521,
40.7940

61.5829, 57.4548,
29.6387

72.1889, 71.7934,
54.3639

57.3272, 51.3668,
20.7486

78.6055, 80.0934,
70.4775

53.7204, 45.9641,
13.9639

85.8048, 89.1781,
89.2595

50.7204, 41.2169,
9.1014

93.4257, 98.9133,
108.7759

■ 48.2785, 37.0926,
5.9463

■ 93.5936, 99.2492,
108.8318

■ 46.3333, 33.5525,
4.2181

■ 45.8954, 32.7328,
3.8991

Harmonies

Analogous

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



72.3161, 64.2521, 49.9277



66.5237, 64.2521, 40.7940



59.6406, 64.2521, 38.7619

Triad

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



66.5237, 64.2521, 40.7940



48.8898, 64.2521, 74.1665



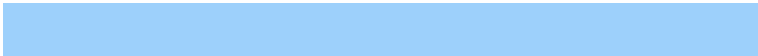
69.2001, 64.2521, 104.9912

Complementary

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



66.5237, 64.2521, 40.7940



53.8722, 59.2427, 99.8623

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.



62.5215, 64.2521, 114.5568



66.5237, 64.2521, 40.7940



51.0543, 64.2521, 94.7396

Square

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



66.5237, 64.2521, 40.7940



49.7867, 64.2521, 55.8540



55.9222, 64.2521, 110.4920



73.9403, 64.2521, 86.2602

Rectangle

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



66.5237, 64.2521, 40.7940



55.4216, 64.2521, 41.2924



55.9222, 64.2521, 110.4920



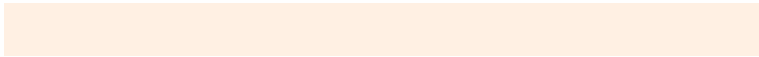
67.0890, 64.2521, 109.5303

Sweetspot

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



66.5253, 64.2551, 40.7953



86.1945, 88.9958, 85.2718



63.3125, 49.2124, 66.2895



18.2306, 18.7734, 17.6801



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.



66.5253, 64.2551, 40.7953



65.0066, 61.1898, 33.2923



78.9166, 89.0377, 44.9257



17.8988, 18.5335, 18.0964



24.2662, 17.4891, 2.0968



2.3520, 1.8289, 0.2291

Inverse Universe

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



53.8722, 59.2427, 99.8623



50.1457, 55.2938, 102.6376



44.1854, 39.8690, 96.6333



17.0633, 18.2034, 21.9996



13.9404, 13.2365, 49.7937



1.3971, 1.4380, 4.6471

Previews

White Background



This preview shows how the XYZ color 66.5237, 64.2521, 40.7940 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 66.5237, 64.2521, 40.7940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

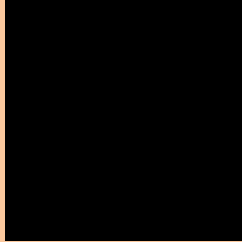
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.5237, 64.2521, 40.7940

Background



This preview shows how black text looks on a background with the XYZ color 66.5237, 64.2521, 40.7940.



This preview shows how white text looks on a background with the XYZ color 66.5237, 64.2521,

40.7940.

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

66.5237, 64.2521, 40.7940

Protanopia

60.2201, 64.5137, 42.9967

Deuteranopia

65.6838, 64.1641, 40.8213



Tritanopia

71.9170, 64.3976, 68.3141

Trichromacy



Original Color

66.5237, 64.2521, 40.7940

Protanomaly

62.3482, 64.1731, 42.3583

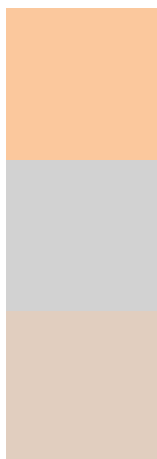
Deuteranomaly

66.0394, 64.3473, 40.8379

Tritanomaly

69.7983, 64.2248, 56.8620

Monochromacy



Original Color

66.5237, 64.2521, 40.7940

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.5266, 63.9118, 58.3309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5237, 64.2521, 40.7940 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, 200, 157)` looks like.

```
.text, #text, p{  
    color:rgb(251, 200, 157)  
}
```

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, 200, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 200, 157) }
```

Border

The CSS property to change the border of an element to XYZ 66.5237, 64.2521, 40.7940 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, 200, 157) }
```


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

```
.border{ border-color:rgb(251, 200, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 200, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 200, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 200, 157);  
box-shadow:4px 4px 4px 4px rgb(251, 200,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5237, 64.2521, 40.7940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 200, 157) }
```

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

```
.background{ background-color: rgb(251,  
200, 157) }
```

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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