

Converting Colors

XYZ(67.2977, 61.2447, 48.0128)

Have a look what the booklet for
XYZ(67.2977, 61.2447, 48.0128)
contains.

XYZ(67.1963, 61.1040, 47.7878)	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(67.1963, 61.1040,
47.7878)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBEAD
RGB	255, 190, 173
RGB Percent	100%, 75%, 68%
CMY	0.0000, 0.2549, 0.3216
CMYK	0.00, 0.25, 0.32, 0.00
HSL	12°, 100%, 84%
HSV	12°, 32%, 100%
XYZ	67.1963, 61.1040, 47.7878
YIQ	207.4970, 44.1970, 8.4930

Conversions

Conversions Part 2

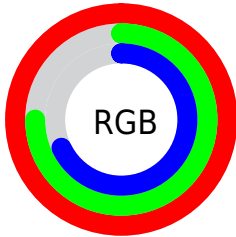
Format	Color
R _Y B	255, 194, 173
Decimal	16760493
CIE Lab	82.43, 21.14, 17.72
CIE LCh	82, 27.584, 39.984
Yxy	61.1040, 0.3816, 0.3470
Android (android.graphics.Color)	4294950573 (0xFFFFBEAD)
YUV	207.4970, -17.0070, 41.6601
Hunter-Lab	78.1690, 16.6478, 18.4720

Details

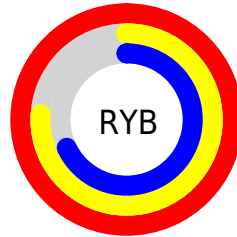
The XYZ color **67.1963, 61.1040, 47.7878** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.8571, 77.2507, 106.0476**, and the grayscale version is **59.7165, 62.8264, 68.4179**.

A 20% lighter version of the original color is **88.5044, 93.3830, 86.7588**, and **35.2813, 30.8591, 22.1860** is the 20% darker color. If you saturate the color by 10%, you get **60.8821, 52.0548, 34.6493**, and if you desaturate by 10%, it is **74.5915, 71.5614, 63.6112**.

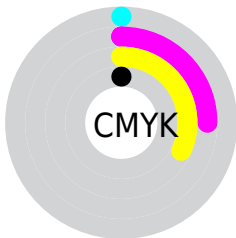
Distribution



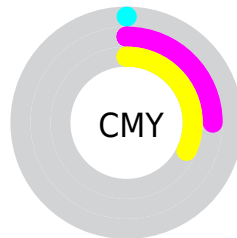
- Red (100%)
- Green (75%)
- Blue (68%)



- Red (100%)
- Yellow (76%)
- Blue (68%)



- Cyan (0%)
- Magenta (25%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.1963, 61.1040, 47.7878 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 67.1963, 61.1040, 47.7878 by changing the saturation by 10% instead.


 67.1963, 61.1040,
47.7878

 67.1963, 61.1040,
47.7878


440.0647,
428.6552, 394.4348

 49.5155, 44.3091,
33.3001


 114.2499,
106.4295, 88.2506

 35.2448, 30.9136,
22.0834


144.3533,
135.7289, 115.0628

 24.0189, 20.5331,
13.7193


179.3284,
169.9653, 146.8202

 15.4724, 12.7831,
7.7892

219.5403,
209.5230, 183.9414

 9.2401, 7.2794,
3.8745

265.3546,
254.7864, 226.8450

 4.9565, 3.6374,
1.5568

317.1365,

 2.2562, 1.4729,

306.1400, 275.9493

0.2597

375.2514,
363.9682, 331.6731

■ 0.7721, 0.2695,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.1963, 61.1040,
47.7878

■ 67.1963, 61.1040,
47.7878

■ 60.8821, 52.0548,
34.6493

■ 74.5915, 71.5614,
63.6112

■ 55.5928, 44.3449,
24.0422

■ 83.1114, 83.4751,
82.2540

■ 51.2737, 37.9122,
15.8031

■ 92.8026, 96.9017,
103.8459

■ 47.8630, 32.6862,
9.7479

95.0500, 100.0000,
108.9000

■ 45.2914, 28.5893,
5.6647

■ 43.4782, 25.5343,
3.2989

■ 42.5077, 23.7954,
2.3526

Harmonies

Analogous

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



69.9628, 61.1040, 61.0646



67.1963, 61.1040, 47.7878



62.0416, 61.1040, 40.4688

Triad

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



67.1963, 61.1040, 47.7878



48.0714, 61.1040, 56.0342



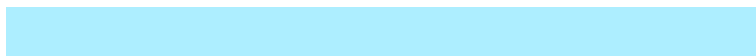
60.0635, 61.1040, 103.8681

Complementary

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



67.1963, 61.1040, 47.7878



65.8571, 77.2507, 106.0476

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.



54.2860, 61.1040, 101.9046



67.1963, 61.1040, 47.7878



47.6208, 61.1040, 72.3160

Square

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



67.1963, 61.1040, 47.7878



51.0988, 61.1040, 44.6422



49.8234, 61.1040, 89.6300



65.6644, 61.1040, 94.6126

Rectangle

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



67.1963, 61.1040, 47.7878



58.0807, 61.1040, 39.0783



49.8234, 61.1040, 89.6300



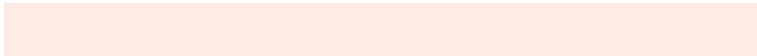
58.0743, 61.1040, 104.5306

Sweetspot

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



67.1978, 61.1068, 47.7890



85.1005, 86.2405, 86.6561



71.7048, 57.3561, 88.6437



17.9362, 18.0715, 17.9305



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.



67.1978, 61.1068, 47.7890



62.7622, 54.7640, 38.5157



77.1914, 81.0940, 51.1202



18.3145, 18.5972, 18.7687



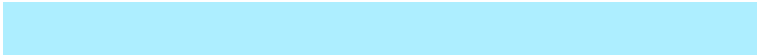
22.2962, 12.6037, 1.2576



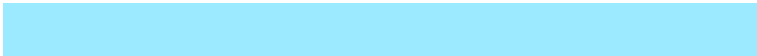
2.2449, 1.3751, 0.1471

Inverse Universe

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



65.8571, 77.2507, 106.0476



61.2034, 73.3032, 105.5309



55.3869, 56.3104, 102.5575



18.2162, 19.8041, 23.1124



20.5931, 26.0958, 53.3862



2.0817, 2.6941, 5.2236

Previews

White Background



This preview shows how the XYZ color 67.1963, 61.1040, 47.7878 looks on a white background.

Color Contrast Check

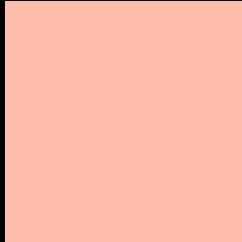
Large Text (above 18pt) WCAG AA × Fail

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 67.1963, 61.1040, 47.7878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

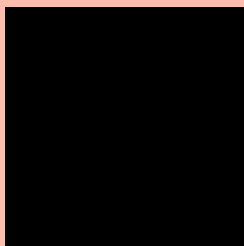
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.1963, 61.1040, 47.7878

Background



This preview shows how black text looks on a background with the XYZ color 67.1963, 61.1040, 47.7878.



This preview shows how white text looks on a background with the XYZ color 67.1963, 61.1040,

47.7878.

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

67.1963, 61.1040, 47.7878

Protanopia

58.0939, 61.4050, 51.9705

Deuteranopia

62.5655, 61.3712, 47.5780



Tritanopia

69.5529, 61.0177, 63.3701

Trichromacy



Original Color

67.1963, 61.1040, 47.7878

Protanomaly

61.2232, 61.3059, 50.2014

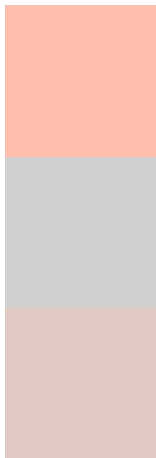
Deuteranomaly

64.2697, 61.2419, 47.4632

Tritanomaly

68.6272, 60.9880, 57.4450

Monochromacy



Original Color

67.1963, 61.1040, 47.7878

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.7883, 61.7210, 60.2865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1963, 61.1040, 47.7878 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, 190, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 173)  
}
```

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, 190, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 173) }
```

Border

The CSS property to change the border of an element to XYZ 67.1963, 61.1040, 47.7878 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, 190, 173) }
```


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

```
.border{ border-color:rgb(255, 190, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1963, 61.1040, 47.7878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 173) }
```

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

```
.background{ background-color: rgb(255,  
190, 173) }
```

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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