

Converting Colors

XYZ(66.1112, 60.8828, 52.3020)

Have a look what the booklet for
XYZ(66.1112, 60.8828, 52.3020)
contains.

XYZ(66.1412, 60.7787, 52.5014)	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(66.1412, 60.7787,
52.5014)**

Conversions

Conversions Part 1

Format	Color
Hex	F9BFB6
RGB	249, 191, 182
RGB Percent	98%, 75%, 71%
CMY	0.0235, 0.2510, 0.2863
CMYK	0.00, 0.23, 0.27, 0.02
HSL	8°, 85%, 85%
HSV	8°, 27%, 98%
XYZ	66.1412, 60.7787, 52.5014
YIQ	207.3160, 37.4570, 9.4970

Conversions

Conversions Part 2

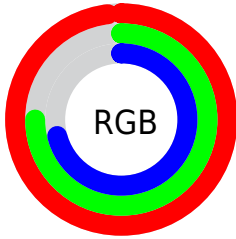
Format	Color
R_{YB}	249, 192, 182
Decimal	16367542
CIE _{Lab}	82.26, 19.55, 12.58
CIE _{LCh}	82, 23.245, 32.769
Yxy	60.7787, 0.3686, 0.3387
Android (android.graphics.Color)	4294557622 (0xFFFF9BFB6)
YUV	207.3160, -12.4808, 36.5569
Hunter-Lab	77.9607, 15.0067, 14.6446

Details

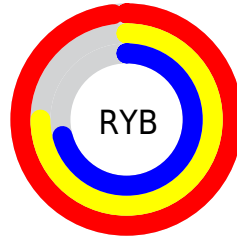
The XYZ color **66.1412, 60.7787, 52.5014** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.5495, 79.1024, 101.3309**, and the grayscale version is **59.5743, 62.6768, 68.2550**.

A 20% lighter version of the original color is **90.2400, 94.5678, 94.3862**, and **34.3940, 30.5527, 24.8534** is the 20% darker color. If you saturate the color by 10%, you get **59.4338, 51.1222, 38.6788**, and if you desaturate by 10%, it is **74.0011, 72.0072, 68.9668**.

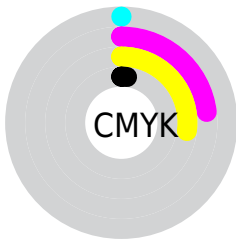
Distribution



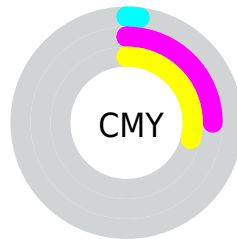
- Red (98%)
- Green (75%)
- Blue (71%)



- Red (98%)
- Yellow (75%)
- Blue (71%)



- Cyan (0%)
- Magenta (23%)
- Yellow (27%)
- Black (2%)





- Cyan (2%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.1412, 60.7787, 52.5014 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 66.1412, 60.7787, 52.5014 by changing the saturation by 10% instead.


 66.1412, 60.7787,
52.5014

 66.1412, 60.7787,
52.5014


436.3624,
427.4621, 413.3812

 48.6552, 44.0466,
37.0199


 112.7456,
105.9584, 95.3044

 34.5594, 30.7071,
24.9270

142.5946,
135.1749, 123.4629

 23.4886, 20.3759,
15.8041


177.2954,
169.3215, 156.6842

 15.0774, 12.6686,
9.2328

217.2132,
208.7828, 195.3869

 8.9604, 7.2008,
4.7945

262.7135,
253.9431, 239.9893

 4.7723, 3.5880,
2.0706


314.1615,

 2.1476, 1.4459,


305.1869, 290.9102


0.5982


371.9227,
362.8984, 348.5679

 0.7149, 0.2502,
0.0000


 0.0000, 0.0000,
0.0000


 66.1412, 60.7787,
52.5014


 66.1412, 60.7787,
52.5014


 59.4338, 51.1222,
38.6788


 74.0011, 72.0072,
68.9668

 53.8198, 42.9595,
27.3575

 83.0594, 84.8647,
88.1990

 49.2419, 36.2180,
18.3886

 92.8770, 98.8798,
108.7983

 45.6358, 30.8160,
11.6058

■ 42.9297, 26.6634,
6.8207

■ 41.0416, 23.6585,
3.8132

■ 39.8725, 21.6832,
2.3049

■ 39.6239, 21.2536,
2.0139

Harmonies

Analogous

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



67.7993, 60.7787, 64.8705



66.1412, 60.7787, 52.5014



62.2310, 60.7787, 44.7909

Triad

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



66.1412, 60.7787, 52.5014



49.7168, 60.7787, 54.4789



58.2290, 60.7787, 97.2862

Complementary

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



66.1412, 60.7787, 52.5014



67.5495, 79.1024, 101.3309

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.



53.5243, 60.7787, 93.4747



66.1412, 60.7787, 52.5014



48.7790, 60.7787, 67.5023

Square

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



66.1412, 60.7787, 52.5014



52.7715, 60.7787, 45.8129



50.1337, 60.7787, 82.0439



63.0710, 60.7787, 91.8280

Rectangle

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



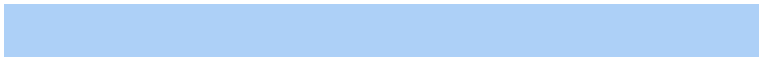
66.1412, 60.7787, 52.5014



58.9739, 60.7787, 42.6650



50.1337, 60.7787, 82.0439



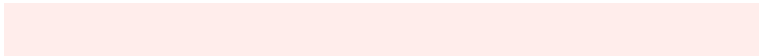
56.5793, 60.7787, 97.0474

Sweetspot

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



66.1428, 60.7815, 52.5026



86.5609, 88.0015, 90.7184



71.5334, 59.8915, 90.2804



18.2062, 18.3805, 18.7326



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.



66.1428, 60.7815, 52.5026



66.0384, 58.7263, 47.5931



74.2832, 77.0622, 55.2161



17.4327, 17.6012, 17.9410



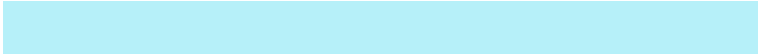
21.2673, 11.4913, 1.0971



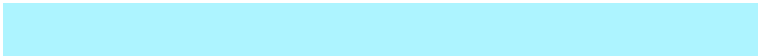
2.0261, 1.1770, 0.1204

Inverse Universe

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



67.5495, 79.1024, 101.3309



67.7328, 80.8711, 106.6475



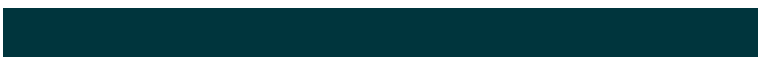
58.5989, 61.2013, 98.3474



17.5552, 19.1872, 22.1635



22.3102, 29.9759, 52.5836



2.1197, 2.8830, 4.8879

Previews

White Background



This preview shows how the XYZ color 66.1412, 60.7787, 52.5014 looks on a white background.

Color Contrast Check

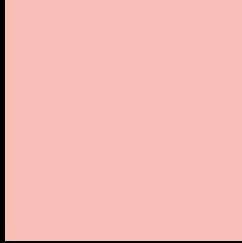
Large Text (above 18pt) WCAG AA × Fail

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 66.1412, 60.7787, 52.5014 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 66.1412, 60.7787, 52.5014

Background



This preview shows how black text looks on a background with the XYZ color 66.1412, 60.7787, 52.5014.



This preview shows how white text looks on a background with the XYZ color 66.1412, 60.7787,

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

66.1412, 60.7787, 52.5014

Protanopia

57.9296, 60.8569, 56.8375

Deuteranopia

61.9110, 60.5923, 52.1485



Tritanopia

68.4276, 60.7399, 63.9946

Trichromacy



Original Color

66.1412, 60.7787, 52.5014

Protanomaly

60.3377, 60.3996, 54.9325

Deuteranomaly

63.4522, 60.7171, 52.0913

Tritanomaly

67.4723, 60.6593, 59.7820

Monochromacy



Original Color

66.1412, 60.7787, 52.5014

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.2039, 61.3801, 62.0478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1412, 60.7787, 52.5014 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(249, 191, 182)` looks like.

```
.text, #text, p{  
    color:rgb(249, 191, 182)  
}
```

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(249, 191, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 191, 182) }
```

Border

The CSS property to change the border of an element to XYZ 66.1412, 60.7787, 52.5014 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(249, 191, 182) }
```


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

```
.border{ border-color:rgb(249, 191, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 191, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 191, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 191, 182);  
box-shadow:4px 4px 4px 4px rgb(249, 191,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1412, 60.7787, 52.5014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 191, 182) }
```

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

```
.background{ background-color: rgb(249,  
191, 182) }
```

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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