

Converting Colors

XYZ(62.5353, 66.9886,
104.2419)

Have a look what the booklet for
XYZ(62.5353, 66.9886, 104.2419)
contains.

XYZ(62.6300, 67.0361, 104.2460)	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(62.6300, 67.0361,
104.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D9FF
RGB	184, 217, 255
RGB Percent	72%, 85%, 100%
CMY	0.2784, 0.1490, 0.0000
CMYK	0.28, 0.15, 0.00, 0.00
HSL	212°, 100%, 86%
HSV	212°, 28%, 100%
XYZ	62.6300, 67.0361, 104.2460
YIQ	211.4650, -31.8660, 4.8220

Conversions

Conversions Part 2

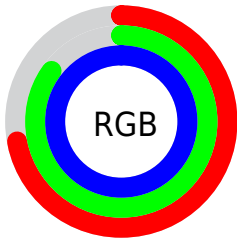
Format	Color
RYB	184, 207, 255
Decimal	12114431
CIELab	85.52, -2.50, -22.08
CIELCh	86, 22.222, 263.541
Yxy	67.0361, 0.2678, 0.2866
Android (android.graphics.Color)	4290304511 (0xFFB8D9FF)
YUV	211.4650, 21.4628, -24.0868
Hunter-Lab	81.8756, -6.7403, -18.1766

Details

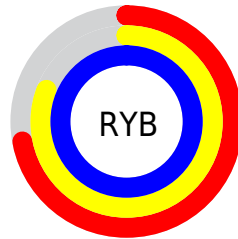
The XYZ color **62.6300, 67.0361, 104.2460** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.0130, 76.9627, 56.1981**, and the grayscale version is **62.1035, 65.3377, 71.1528**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **32.1666, 34.5850, 58.4063** is the 20% darker color. If you saturate the color by 10%, you get **53.6902, 57.4211, 102.8614**, and if you desaturate by 10%, it is **72.9655, 77.8056, 105.7800**.

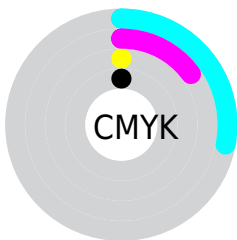
Distribution



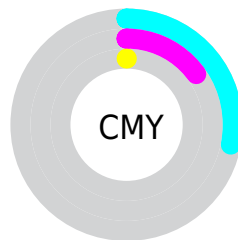
- Red (72%)
- Green (85%)
- Blue (100%)



- Red (72%)
- Yellow (81%)
- Blue (100%)



- Cyan (28%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6300, 67.0361, 104.2460 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 62.6300, 67.0361, 104.2460 by changing the saturation by 10% instead.

■ 62.6300, 67.0361,
104.2460

■ 62.6300, 67.0361,
104.2460

423.9065,
450.0733, 595.0842

■ 45.7995, 49.1140,
79.2147

■ 107.7204,
114.9721, 169.0826

■ 32.2916, 34.7099,
58.5500

136.7109,
145.7548, 209.7250

■ 21.7409, 23.4395,
41.8333

170.4855,
181.5932, 256.4081

■ 13.7822, 14.9184,
28.6462

209.4094,
222.8715, 309.5506

■ 8.0500, 8.7621,
18.5701

253.8482,
269.9743, 369.5708

■ 4.1790, 4.5863,
11.1864

304.1670,

■ 1.8039, 2.0067,

323.2860, 436.8875

6.0766

360.7313,
383.1908, 511.9191

■ 0.5200, 0.6113,
2.8222

■ 0.0000, 0.0000,
1.0046

■ 62.6300, 67.0361,
104.2460

■ 62.6300, 67.0361,
104.2460

■ 53.6902, 57.4211,
102.8614

■ 72.9655, 77.8056,
105.7800

■ 46.0742, 48.9084,
101.6196

■ 84.7525, 89.7637,
107.4669

■ 39.7119, 41.4527,
100.5159

95.0500, 100.0000,
108.9000

■ 34.5238, 35.0017,
99.5441

■ 30.4202, 29.4974,
98.6980

■ 27.2963, 24.8736,
97.9702

■ 25.0142, 21.0462,
97.3517

■ 24.5911, 20.3022,
97.2304

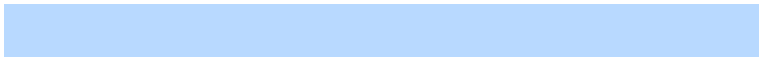
Harmonies

Analogous

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



58.1197, 67.0361, 97.7108



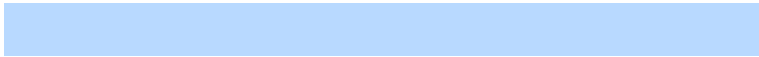
62.6300, 67.0361, 104.2460



67.6720, 67.0361, 101.5591

Triad

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



62.6300, 67.0361, 104.2460



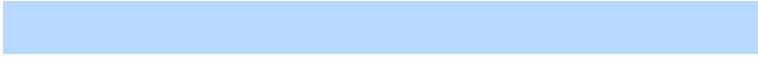
73.0357, 67.0361, 62.4410



56.2232, 67.0361, 57.6856

Complementary

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



62.6300, 67.0361, 104.2460



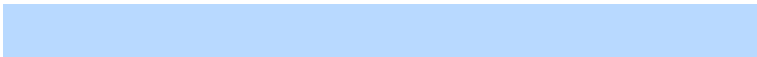
76.0130, 76.9627, 56.1981

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.



59.9169, 67.0361, 50.3556



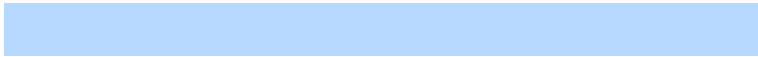
62.6300, 67.0361, 104.2460



69.6601, 67.0361, 52.8371

Square

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



62.6300, 67.0361, 104.2460



73.8561, 67.0361, 76.1633



64.8141, 67.0361, 48.7054



54.5489, 67.0361, 69.9079

Rectangle

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



62.6300, 67.0361, 104.2460



70.6393, 67.0361, 95.0544



64.8141, 67.0361, 48.7054



57.2601, 67.0361, 54.6366

Sweetspot

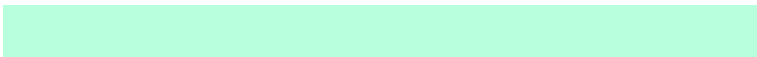
The Sweet Spot groups the original color and five complimentary colors.



62.6319, 67.0387, 104.2464



84.5545, 89.5652, 107.4390



68.6951, 86.9776, 82.1823



17.6990, 18.7695, 22.9400



0.0000, 0.0000, 0.0000



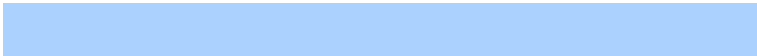
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.6319, 67.0387, 104.2464



57.8499, 61.9371, 103.5138



55.5308, 51.9877, 101.7156



17.6990, 18.7695, 22.9400



12.9954, 10.9004, 50.8536



1.3733, 1.2774, 4.9874

Inverse Universe

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



70.9061, 60.5523, 73.5992



67.4031, 54.9806, 68.0098



84.7867, 95.7947, 59.3706



18.3607, 18.1276, 20.5166



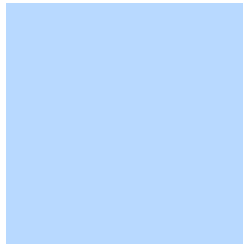
23.3477, 11.8284, 10.4813



2.3278, 1.1735, 1.3077

Previews

White Background



This preview shows how the XYZ color 62.6300, 67.0361, 104.2460 looks on a white background.

Color Contrast Check

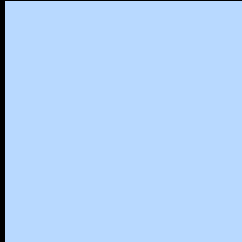
Large Text (above 18pt) WCAG AA × Fail

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 62.6300, 67.0361, 104.2460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

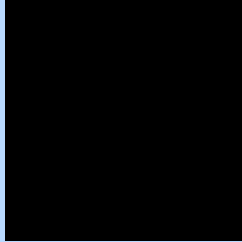
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

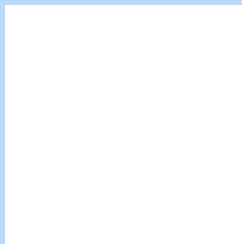
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6300, 67.0361, 104.2460

Background



This preview shows how black text looks on a background with the XYZ color 62.6300, 67.0361, 104.2460.



This preview shows how white text looks on a background with the XYZ color 62.6300, 67.0361,

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

62.6300, 67.0361, 104.2460

Protanopia

65.8837, 66.5327, 100.6364

Deuteranopia

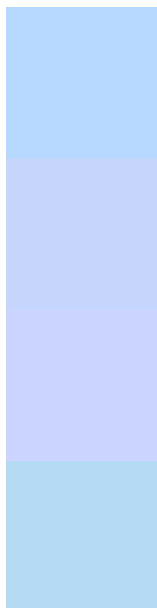
68.2910, 66.9671, 103.9344



Tritanopia

59.8482, 67.0627, 90.6790

Trichromacy



Original Color

62.6300, 67.0361, 104.2460

Protanomaly

64.3909, 66.4871, 101.5350

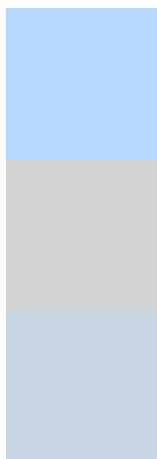
Deuteranomaly

65.9506, 66.8635, 104.0377

Tritanomaly

60.7167, 67.0184, 95.3237

Monochromacy



Original Color

62.6300, 67.0361, 104.2460

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.7468, 65.5521, 82.0715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6300, 67.0361, 104.2460 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(184, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 217, 255)  
}
```

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(184, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.6300, 67.0361, 104.2460 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(184, 217, 255) }
```


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

```
.border{ border-color:rgb(184, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6300, 67.0361, 104.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 217, 255) }
```

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

```
.background{ background-color: rgb(184,  
217, 255) }
```

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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