

Converting Colors

XYZ(53.0137, 62.0478, 97.9929)

Have a look what the booklet for
XYZ(53.0137, 62.0478, 97.9929)
contains.

XYZ(53.0838, 62.2427, 98.0232)	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(53.0838, 62.2427,
98.0232)**

Conversions

Conversions Part 1

Format	Color
Hex	8FD9F8
RGB	143, 217, 248
RGB Percent	56%, 85%, 97%
CMY	0.4392, 0.1490, 0.0274
CMYK	0.42, 0.12, 0.00, 0.03
HSL	198°, 88%, 77%
HSV	198°, 42%, 97%
XYZ	53.0838, 62.2427, 98.0232
YIQ	198.4080, -54.0550, -6.0470

Conversions

Conversions Part 2

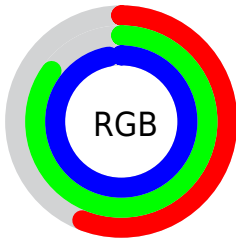
Format	Color
R _Y B	143, 186, 248
Decimal	9427448
CIE Lab	83.04, -15.15, -22.35
CIE LCh	83, 27.002, 235.880
Yxy	62.2427, 0.2488, 0.2917
Android (android.graphics.Color)	4287617528 (0xFF8FD9F8)
YUV	198.4080, 24.4489, -48.5928
Hunter-Lab	78.8940, -17.9610, -18.4400

Details

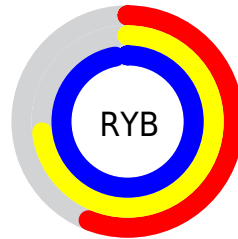
The XYZ color **53.0838, 62.2427, 98.0232** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **58.8066, 52.2128, 32.9669**, and the grayscale version is **53.8057, 56.6078, 61.6459**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **26.2725, 31.6249, 54.5887** is the 20% darker color. If you saturate the color by 10%, you get **47.4107, 56.5797, 97.2302**, and if you desaturate by 10%, it is **59.7935, 68.5672, 98.8914**.

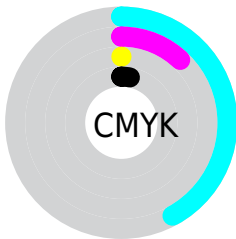
Distribution



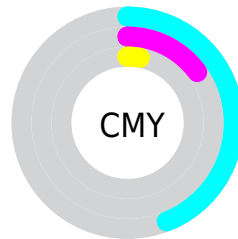
- Red (56%)
- Green (85%)
- Blue (97%)



- Red (56%)
- Yellow (73%)
- Blue (97%)



- Cyan (42%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (44%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0838, 62.2427, 98.0232 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 53.0838, 62.2427, 98.0232 by changing the saturation by 10% instead.

■ 53.0838, 62.2427,
98.0232

■ 53.0838, 62.2427,
98.0232

388.8621,
432.8158, 575.0285

■ 38.0974, 45.2288,
74.0430

■ 93.8925, 108.0762,
160.4661

■ 26.2359, 31.6377,
54.3322

■ 120.4455,
137.6647, 199.7658

■ 17.1338, 21.0849,
38.4724

151.5847,
172.2134, 245.0091

■ 10.4258, 13.1861,
26.0448

187.6756,
212.1069, 296.6146

■ 5.7466, 7.5568,
16.6311

229.0834,
257.7295, 355.0007

■ 2.7308, 3.8127,
9.8127

276.1735,

■ 1.0131, 1.5694,

309.4656, 420.5860

5.1710

329.3113,
367.6996, 493.7891

■ 0.0000, 0.3368,
2.2874

■ 0.0000, 0.0000,
0.7242

■ 53.0838, 62.2427,
98.0232

■ 53.0838, 62.2427,
98.0232

■ 47.4107, 56.5797,
97.2302

■ 59.7935, 68.5672,
98.8914

■ 42.7040, 51.5362,
96.5048

■ 67.5925, 75.5776,
99.8335

■ 38.8936, 47.0759,
95.8447

■ 76.5365, 83.3058,
100.8538

■ 35.8967, 43.1544,
95.2458

■ 86.6759, 91.7791,
101.9549

■ 33.6134, 39.7185,
94.7029

■ 93.5022, 98.6748,
102.9261

■ 32.2318, 37.3540,
94.3193

■ 93.9435, 99.5574,
103.0732

Harmonies

Analogous

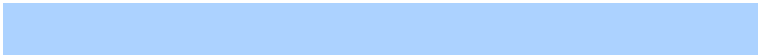
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.6238, 62.2427, 82.7953



53.0838, 62.2427, 98.0232



58.3570, 62.2427, 105.1613

Triad

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



53.0838, 62.2427, 98.0232



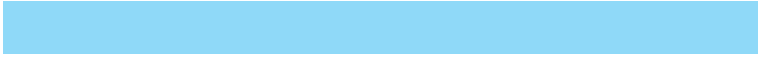
71.0777, 62.2427, 70.1079



54.3940, 62.2427, 42.7665

Complementary

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



53.0838, 62.2427, 98.0232



58.8066, 52.2128, 32.9669

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.



59.9700, 62.2427, 40.4969



53.0838, 62.2427, 98.0232



69.8453, 62.2427, 54.6852

Square

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



53.0838, 62.2427, 98.0232



68.9482, 62.2427, 87.4520



65.6826, 62.2427, 44.4885



50.3446, 62.2427, 51.2904

Rectangle

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



53.0838, 62.2427, 98.0232



62.2849, 62.2427, 103.6357



65.6826, 62.2427, 44.4885



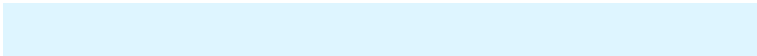
56.1411, 62.2427, 41.3139

Sweetspot

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



53.0858, 62.2451, 98.0247



80.8453, 88.1599, 107.3633



52.4152, 75.9833, 51.3139



16.8344, 18.4685, 22.9274



0.0000, 0.0000, 0.0000



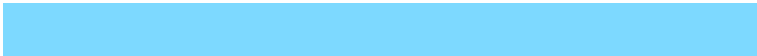
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0858, 62.2451, 98.0247



51.2116, 60.9992, 103.6826



41.8634, 39.8004, 94.2839



17.3078, 18.6924, 22.0811



17.5391, 20.4338, 50.9933



1.7164, 2.0765, 4.7535

Inverse Universe

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



61.0599, 44.6129, 71.0412



61.0405, 40.9039, 70.0555



70.6635, 75.9268, 36.9193



17.7619, 17.4321, 20.6018



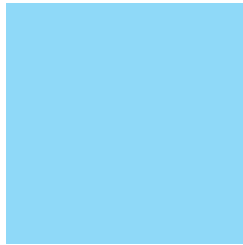
25.1450, 12.4737, 23.2696



2.3753, 1.1739, 2.3996

Previews

White Background



This preview shows how the XYZ color 53.0838, 62.2427, 98.0232 looks on a white background.

Color Contrast Check

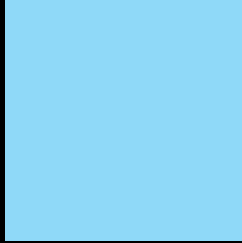
Large Text (above 18pt) WCAG AA × Fail

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 53.0838, 62.2427, 98.0232 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 53.0838, 62.2427, 98.0232

Background



This preview shows how black text looks on a background with the XYZ color 53.0838, 62.2427, 98.0232.



This preview shows how white text looks on a background with the XYZ color 53.0838, 62.2427,

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

53.0838, 62.2427, 98.0232

Protanopia

60.7260, 61.5598, 90.3430

Deuteranopia

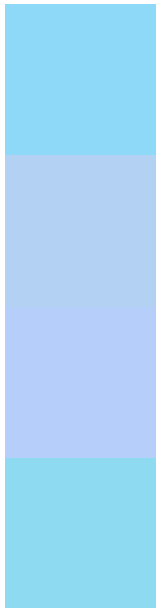
63.1617, 61.9026, 99.8862



Tritanopia

51.4328, 62.3529, 89.4453

Trichromacy



Original Color

53.0838, 62.2427, 98.0232

Protanomaly

57.4179, 61.5954, 92.8673

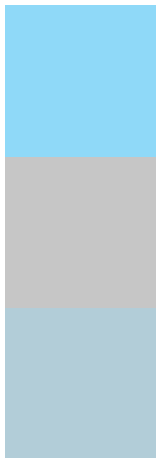
Deuteranomaly

58.6242, 61.3515, 99.1947

Tritanomaly

51.9331, 62.1564, 92.4793

Monochromacy



Original Color

53.0838, 62.2427, 98.0232

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.5861, 58.0855, 73.4058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0838, 62.2427, 98.0232 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(143, 217, 248)` looks like.

```
.text, #text, p{  
    color:rgb(143, 217, 248)  
}
```

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(143, 217, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 217, 248) }
```

Border

The CSS property to change the border of an element to XYZ 53.0838, 62.2427, 98.0232 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(143, 217, 248) }
```


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

```
.border{ border-color:rgb(143, 217, 248) }
```

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

Here you see how a box with a 4 pixel rgb(143, 217, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 217, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 217, 248);  
box-shadow:4px 4px 4px 4px rgb(143, 217,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0838, 62.2427, 98.0232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 217, 248) }
```

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

```
.background{ background-color: rgb(143,  
217, 248) }
```

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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