

Converting Colors

XYZ(52.6038, 61.5542, 97.1069)

Have a look what the booklet for
XYZ(52.6038, 61.5542, 97.1069)
contains.

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Color

**XYZ(52.6721, 61.6668,
97.1225)**

Conversions

Conversions Part 1

Format	Color
Hex	8FD8F7
RGB	143, 216, 247
RGB Percent	56%, 85%, 97%
CMY	0.4392, 0.1529, 0.0314
CMYK	0.42, 0.13, 0.00, 0.03
HSL	198°, 87%, 76%
HSV	198°, 42%, 97%
XYZ	52.6721, 61.6668, 97.1225
YIQ	197.7070, -53.4590, -5.8350

Conversions

Conversions Part 2

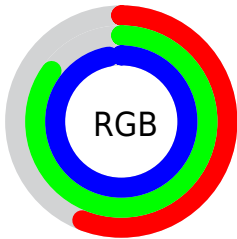
Format	Color
R _Y B	143, 186, 247
Decimal	9427191
CIE Lab	82.74, -14.89, -22.29
CIE LCh	83, 26.807, 236.251
Yxy	61.6668, 0.2491, 0.2916
Android (android.graphics.Color)	4287617271 (0xFF8FD8F7)
YUV	197.7070, 24.3014, -47.9780
Hunter-Lab	78.5282, -17.6971, -18.3592

Details

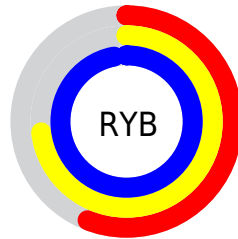
The XYZ color **52.6721, 61.6668, 97.1225** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **58.4531, 52.0308, 32.9506**, and the grayscale version is **53.3809, 56.1608, 61.1591**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **25.9866, 31.2298, 53.9485** is the 20% darker color. If you saturate the color by 10%, you get **47.0140, 56.0136, 96.3306**, and if you desaturate by 10%, it is **59.3600, 67.9791, 97.9895**.

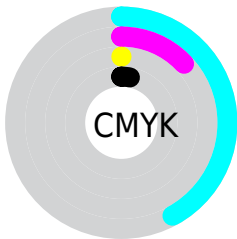
Distribution



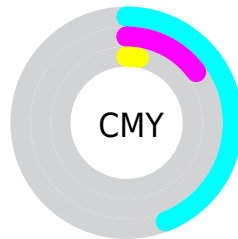
- Red (56%)
- Green (85%)
- Blue (97%)



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



- Cyan (42%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6721, 61.6668, 97.1225 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 52.6721, 61.6668, 97.1225 by changing the saturation by 10% instead.

■ 52.6721, 61.6668,
97.1225

■ 52.6721, 61.6668,
97.1225

387.3073,
430.7146, 572.0948

■ 37.7675, 44.7635,
73.2962

■ 93.2901, 107.2438,
159.2144

■ 25.9787, 31.2712,
53.7249

■ 119.7341,
136.6863, 198.3170

■ 16.9403, 20.8054,
37.9901

150.7554,
171.0774, 243.3489

■ 10.2870, 12.9819,
25.6732

186.7193,
210.8014, 294.7285

■ 5.6534, 7.4161,
16.3558

227.9910,
256.2427, 352.8743

■ 2.6741, 3.7236,
9.6192

274.9360,

■ 0.9839, 1.5202,

307.7858, 418.2049

5.0449

327.9197,
365.8150, 491.1389

■ 0.0000, 0.3029,
2.2144

■ 0.0000, 0.0000,
0.6827

■ 52.6721, 61.6668,
97.1225

■ 52.6721, 61.6668,
97.1225

■ 47.0140, 56.0136,
96.3306

■ 59.3600, 67.9791,
97.9895

■ 42.3161, 50.9779,
95.6063

■ 67.1295, 74.9747,
98.9303

■ 38.5095, 46.5238,
94.9472

■ 76.0361, 82.6850,
99.9491

■ 35.5122, 42.6075,
94.3492

■ 86.1294, 91.1373,
101.0486

■ 33.2259, 39.1765,
93.8075

■ 93.0956, 98.1092,
102.0271

■ 31.8051, 36.7482,
93.4136

■ 93.7887, 99.4955,
102.2582

Harmonies

Analogous

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



49.2297, 61.6668, 82.1739



52.6721, 61.6668, 97.1225



57.8911, 61.6668, 104.0302

Triad

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



52.6721, 61.6668, 97.1225



70.3735, 61.6668, 69.2404



53.8490, 61.6668, 42.5250

Complementary

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



52.6721, 61.6668, 97.1225



58.4531, 52.0308, 32.9506

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.



59.3397, 61.6668, 40.2060



52.6721, 61.6668, 97.1225



69.1175, 61.6668, 54.0697

Square

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



52.6721, 61.6668, 97.1225



68.3122, 61.6668, 86.3534



64.9834, 61.6668, 44.0732



49.8773, 61.6668, 51.0192

Rectangle

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



52.6721, 61.6668, 97.1225



61.7667, 61.6668, 102.4325



64.9834, 61.6668, 44.0732



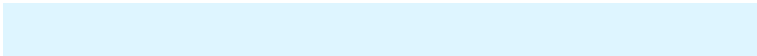
55.5674, 61.6668, 41.0641

Sweetspot

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



52.6740, 61.6692, 97.1240



80.8167, 88.1029, 107.3538



52.0814, 75.3591, 51.0678



16.8273, 18.4543, 22.9251



0.0000, 0.0000, 0.0000



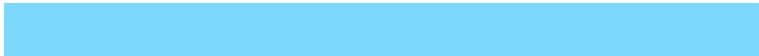
20.3446, 21.4041, 23.3091

Same Dimension

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



52.6740, 61.6692, 97.1240



51.1167, 60.8093, 103.6510



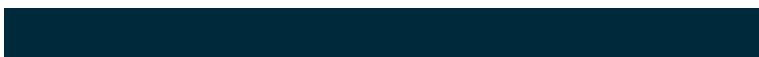
41.6695, 39.6601, 93.4558



16.5553, 17.8750, 21.1202



16.9503, 19.6944, 49.4460



1.5791, 1.9097, 4.3756

Inverse Universe

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



60.5766, 44.3788, 70.3415



60.9926, 40.8847, 69.8032



70.0984, 75.3214, 36.8324



16.9909, 16.6792, 19.6986



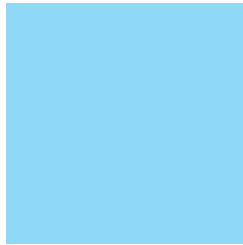
24.3602, 12.0875, 22.4032



2.1861, 1.0804, 2.2066

Previews

White Background



This preview shows how the XYZ color 52.6721, 61.6668, 97.1225 looks on a white background.

Color Contrast Check

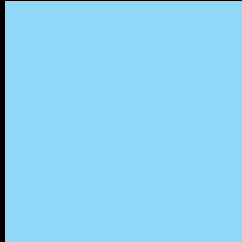
Large Text (above 18pt) WCAG AA × Fail

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 52.6721, 61.6668, 97.1225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

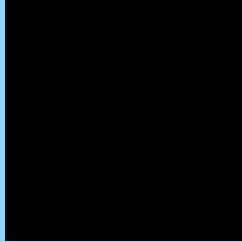
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6721, 61.6668, 97.1225

Background



This preview shows how black text looks on a background with the XYZ color 52.6721, 61.6668, 97.1225.

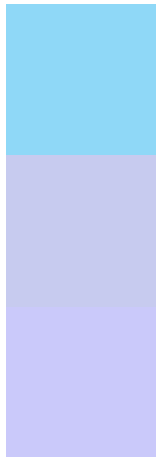


This preview shows how white text looks on a background with the XYZ color 52.6721, 61.6668,

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

52.6721, 61.6668, 97.1225

Protanopia

60.4891, 61.0860, 90.2640

Deuteranopia

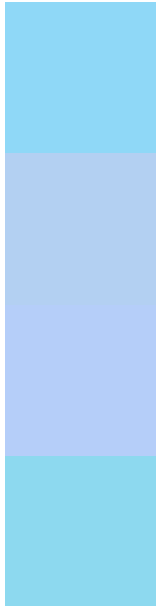
62.4991, 61.2320, 98.9674



Tritanopia

50.8820, 61.7164, 87.8280

Trichromacy



Original Color

52.6721, 61.6668, 97.1225

Protanomaly

57.1733, 61.1063, 92.7857

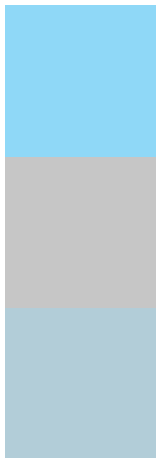
Deuteranomaly

58.2262, 60.8059, 98.2904

Tritanomaly

51.3773, 61.5204, 90.8281

Monochromacy



Original Color

52.6721, 61.6668, 97.1225

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 52.6721, 61.6668, 97.1225 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, 216, 247)` looks like.

```
.text, #text, p{  
    color:rgb(143, 216, 247)  
}
```

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, 216, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 216, 247) }
```

Border

The CSS property to change the border of an element to XYZ 52.6721, 61.6668, 97.1225 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, 216, 247) }
```


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

```
.border{ border-color:rgb(143, 216, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 216, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 216, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 216, 247);  
box-shadow:4px 4px 4px 4px rgb(143, 216,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6721, 61.6668, 97.1225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 216, 247) }
```

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

```
.background{ background-color: rgb(143,  
216, 247) }
```

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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