

Converting Colors

XYZ(47.7320, 50.2554, 95.4641)

Have a look what the booklet for
XYZ(47.7320, 50.2554, 95.4641)
contains.

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Color

**XYZ(47.6320, 50.2729,
95.1889)**

Conversions

Conversions Part 1

Format	Color
Hex	94BFF7
RGB	148, 191, 247
RGB Percent	58%, 75%, 97%
CMY	0.4196, 0.2510, 0.0314
CMYK	0.40, 0.23, 0.00, 0.03
HSL	214°, 86%, 77%
HSV	214°, 40%, 97%
XYZ	47.6320, 50.2729, 95.1889
YIQ	184.5270, -43.6040, 8.3000

Conversions

Conversions Part 2

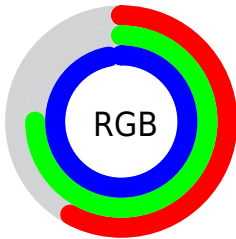
Format	Color
RYB	148, 178, 247
Decimal	9748471
CIELab	76.24, -0.42, -32.21
CIELCh	76, 32.211, 269.255
Yxy	50.2729, 0.2467, 0.2604
Android (android.graphics.Color)	4287938551 (0xFF94BFF7)
YUV	184.5270, 30.7992, -32.0342
Hunter-Lab	70.9034, -4.1669, -29.9654

Details

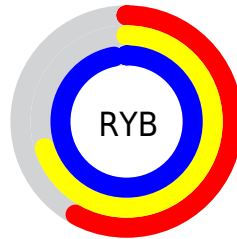
The XYZ color **47.6320, 50.2729, 95.1889** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.2971, 65.0992, 37.1425**, and the grayscale version is **45.7049, 48.0851, 52.3647**.

A 20% lighter version of the original color is **76.4876, 86.7207, 107.3152**, and **22.7964, 24.1700, 52.1790** is the 20% darker color. If you saturate the color by 10%, you get **40.7290, 42.4057, 94.0351**, and if you desaturate by 10%, it is **55.7822, 59.2167, 96.4866**.

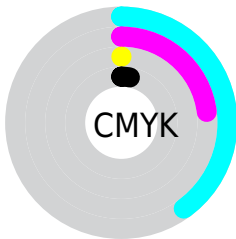
Distribution



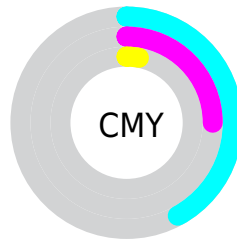
- Red (58%)
- Green (75%)
- Blue (97%)



- Red (58%)
- Yellow (70%)
- Blue (97%)



- Cyan (40%)
- Magenta (23%)
- Yellow (0%)
- Black (3%)



- Cyan (42%)
- Magenta (25%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6320, 50.2729, 95.1889 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 47.6320, 50.2729, 95.1889 by changing the saturation by 10% instead.

■ 47.6320, 50.2729,
95.1889

■ 47.6320, 50.2729,
95.1889

367.9385,
387.7322, 565.7693

■ 33.7456, 35.6303,
71.6945

■ 85.8693, 90.5791,
156.5234

■ 22.8602, 24.1488,
52.4238

■ 110.9508,
117.0114, 195.2005

■ 14.6104, 15.4440,
36.9584

140.4948,
148.1425, 239.7756

■ 8.6310, 9.1316,
24.8798

174.8665,
184.3567, 290.6671

■ 4.5564, 4.8271,
15.7693

214.4314,
226.0383, 348.2938

■ 2.0215, 2.1462,
9.2085

259.5548,

■ 0.6460, 0.6904,

273.5719, 413.0740

4.7787

310.6021,
327.3417, 485.4263

■ 0.0000, 0.0000,
2.0616

■ 0.0000, 0.0000,
0.5928

■ 47.6320, 50.2729,
95.1889

■ 47.6320, 50.2729,
95.1889

■ 40.7290, 42.4057,
94.0351

■ 55.7822, 59.2167,
96.4866

■ 34.9989, 35.5616,
93.0161

■ 65.2382, 69.2756,
97.9298

■ 30.3668, 29.6904,
92.1270

■ 76.0606, 80.4931,
99.5245

■ 26.7454, 24.7341,
91.3612

■ 88.3046, 92.9083,
101.2756

■ 24.0325, 20.6259,
90.7112

■ 93.7887, 99.4955,
102.2580

■ 22.0761, 17.2904,
90.1705

Harmonies

Analogous

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



42.0880, 50.2729, 88.5911



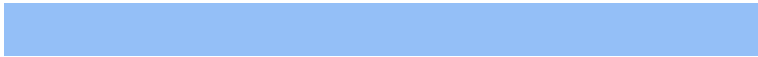
47.6320, 50.2729, 95.1889



53.6864, 50.2729, 89.1887

Triad

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



47.6320, 50.2729, 95.1889



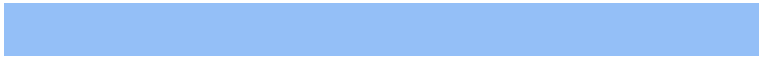
58.6489, 50.2729, 40.0395



38.4800, 50.2729, 39.4343

Complementary

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



47.6320, 50.2729, 95.1889



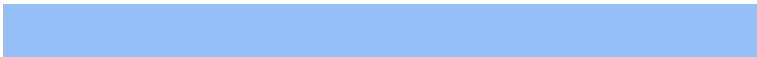
65.2971, 65.0992, 37.1425

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.



42.3289, 50.2729, 30.5451



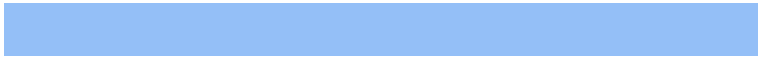
47.6320, 50.2729, 95.1889



53.9696, 50.2729, 30.8392

Square

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



47.6320, 50.2729, 95.1889



60.3623, 50.2729, 55.1724



47.9341, 50.2729, 27.7607



37.0851, 50.2729, 54.3072

Rectangle

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



47.6320, 50.2729, 95.1889



57.1332, 50.2729, 79.4454



47.9341, 50.2729, 27.7607



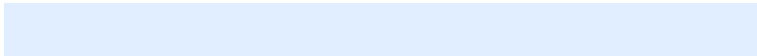
39.5128, 50.2729, 35.7723

Sweetspot

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



47.6337, 50.2748, 95.1901



79.3993, 84.1006, 106.6560



56.1889, 77.1043, 68.0795



16.6587, 17.6547, 22.7796



0.0000, 0.0000, 0.0000



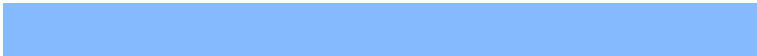
20.3446, 21.4041, 23.3091

Same Dimension

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



47.6337, 50.2748, 95.1901



45.1691, 47.1927, 101.3362



40.5074, 34.6643, 92.5526



16.1732, 17.1108, 20.9929



11.8105, 9.4148, 47.7328



1.1382, 1.0279, 4.2286

Inverse Universe

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



58.3531, 44.7172, 54.8479



58.4108, 41.4609, 51.2473



75.2423, 87.5468, 40.9512



16.7980, 16.6021, 18.6829



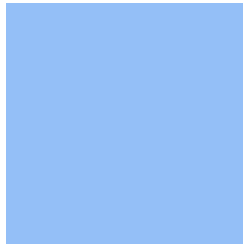
21.7659, 11.0498, 8.7416



1.9636, 0.9914, 1.0346

Previews

White Background



This preview shows how the XYZ color 47.6320, 50.2729, 95.1889 looks on a white background.

Color Contrast Check

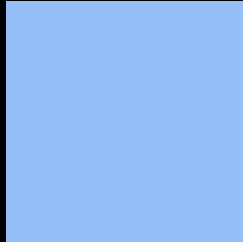
Large Text (above 18pt) WCAG AA × Fail

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 47.6320, 50.2729, 95.1889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

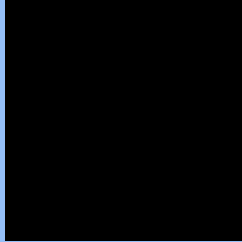
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

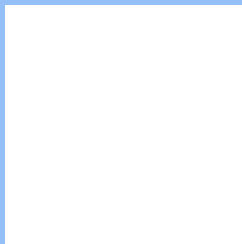
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.6320, 50.2729, 95.1889

Background



This preview shows how black text looks on a background with the XYZ color 47.6320, 50.2729, 95.1889.



This preview shows how white text looks on a background with the XYZ color 47.6320, 50.2729,

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

47.6320, 50.2729, 95.1889

Protanopia

50.5399, 49.9396, 91.7696

Deuteranopia

51.3055, 50.2459, 95.8013



Tritanopia

42.6240, 50.2256, 70.3988

Trichromacy



Original Color

47.6320, 50.2729, 95.1889

Protanomaly

49.2037, 49.8588, 92.6184

Deuteranomaly

49.8179, 50.1045, 95.8524

Tritanomaly

44.2610, 50.2172, 78.5943

Monochromacy



Original Color

47.6320, 50.2729, 95.1889

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.1687, 48.8654, 66.6731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6320, 50.2729, 95.1889 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(148, 191, 247)` looks like.

```
.text, #text, p{  
    color:rgb(148, 191, 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(148, 191, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 191, 247) }
```

Border

The CSS property to change the border of an element to XYZ 47.6320, 50.2729, 95.1889 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(148, 191, 247) }
```


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

```
.border{ border-color:rgb(148, 191, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 191, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 191, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 191, 247);  
box-shadow:4px 4px 4px 4px rgb(148, 191,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6320, 50.2729, 95.1889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 191, 247) }
```

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

```
.background{ background-color: rgb(148,  
191, 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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