

Converting Colors

XYZ(60.1675, 55.7044,
101.0667)

Have a look what the booklet for
XYZ(60.1675, 55.7044, 101.0667)
contains.

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Color

**XYZ(60.2297, 55.6788,
101.3386)**

Conversions

Conversions Part 1

Format	Color
Hex	CABCFE
RGB	202, 188, 254
RGB Percent	79%, 74%, 100%
CMY	0.2078, 0.2627, 0.0039
CMYK	0.20, 0.26, 0.00, 0.00
HSL	253°, 97%, 87%
HSV	253°, 26%, 100%
XYZ	60.2297, 55.6788, 101.3386
YIQ	199.7100, -12.8420, 23.4940

Conversions

Conversions Part 2

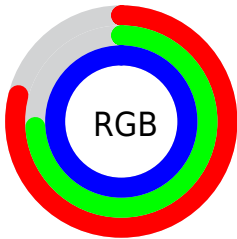
Format	Color
R _Y B	202, 188, 254
Decimal	13286654
CIE Lab	79.43, 18.13, -30.73
CIE LCh	79, 35.681, 300.530
Yxy	55.6788, 0.2772, 0.2563
Android (android.graphics.Color)	4291476734 (0xFFCABCFE)
YUV	199.7100, 26.7650, 2.0083
Hunter-Lab	74.6182, 13.4982, -28.2887

Details

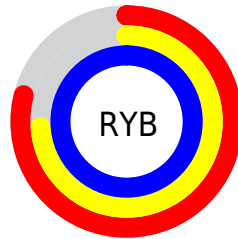
The XYZ color **60.2297, 55.6788, 101.3386** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.4560, 93.0412, 61.2977**, and the grayscale version is **54.5693, 57.4112, 62.5207**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **30.7746, 27.5622, 56.5214** is the 20% darker color. If you saturate the color by 10%, you get **50.2056, 43.1537, 99.4503**, and if you desaturate by 10%, it is **71.9146, 70.4801, 103.5806**.

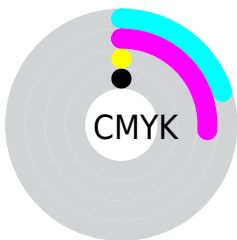
Distribution



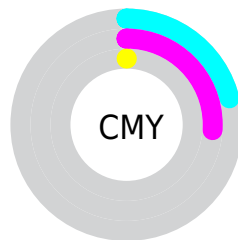
- Red (79%)
- Green (74%)
- Blue (100%)



- Red (79%)
- Yellow (74%)
- Blue (100%)



- Cyan (20%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2297, 55.6788, 101.3386 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 60.2297, 55.6788, 101.3386 by changing the saturation by 10% instead.

■ 60.2297, 55.6788,
101.3386

■ 60.2297, 55.6788,
101.3386

415.2651,
408.4799, 585.7592

■ 43.8540, 39.9455,
76.7958

■ 104.2673, 98.5348,
165.0634

■ 30.7531, 27.4960,
56.5748

132.6598,
126.4262, 205.0825

■ 20.5618, 17.9461,
40.2568

165.7886,
159.1392, 251.0975

■ 12.9147, 10.9113,
27.4235

204.0192,
197.0580, 303.5269

■ 7.4465, 6.0072,
17.6563

247.7167,
240.5670, 362.7892

■ 3.7916, 2.8495,
10.5367

297.2467,

■ 1.5849, 1.0537,

290.0508, 429.3030

5.6460

352.9743,
345.8936, 503.4868

■ 0.3826, 0.0000,
2.5657

■ 0.0000, 0.0000,
0.8747

■ 60.2297, 55.6788,
101.3386

■ 60.2297, 55.6788,
101.3386

■ 50.2056, 43.1537,
99.4503

■ 71.9146, 70.4801,
103.5806

■ 41.7599, 32.7842,
97.8939

■ 85.3264, 87.6567,
106.1891

■ 34.8114, 24.4486,
96.6512

94.8896, 99.9358,
108.0552

■ 29.2689, 18.0101,
95.7006

■ 25.0311, 13.3149,
95.0176

■ 21.9818, 10.1843,
94.5741

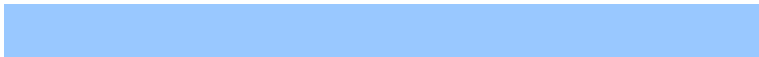
■ 19.9815, 8.3987,
94.3348

■ 19.4041, 7.9366,
94.2761

Harmonies

Analogous

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



53.0486, 55.6788, 109.2344



60.2297, 55.6788, 101.3386



65.8391, 55.6788, 82.1720

Triad

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



60.2297, 55.6788, 101.3386



59.9894, 55.6788, 32.3619



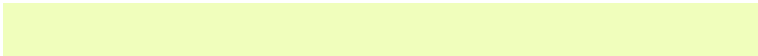
40.3100, 55.6788, 60.9904

Complementary

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



60.2297, 55.6788, 101.3386



80.4560, 93.0412, 61.2977

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.



41.8139, 55.6788, 43.2177



60.2297, 55.6788, 101.3386



52.7937, 55.6788, 29.1197

Square

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



60.2297, 55.6788, 101.3386



65.6918, 55.6788, 42.7152



46.2289, 55.6788, 32.6027



41.9229, 55.6788, 82.9486

Rectangle

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



60.2297, 55.6788, 101.3386



67.7004, 55.6788, 67.3481



46.2289, 55.6788, 32.6027



40.4662, 55.6788, 54.3644

Sweetspot

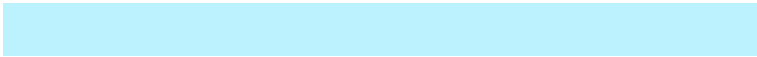
The Sweet Spot groups the original color and five complimentary colors.



60.2315, 55.6811, 101.3399



83.2159, 84.7459, 106.5794



70.0264, 80.6411, 105.6414



17.3630, 17.5634, 22.7249



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.



60.2315, 55.6811, 101.3399



55.4857, 49.5513, 101.2477



69.8718, 60.6508, 101.7910



17.3630, 17.5634, 22.7249



10.3287, 4.2351, 49.7077



1.0921, 0.4569, 4.8439

Inverse Universe

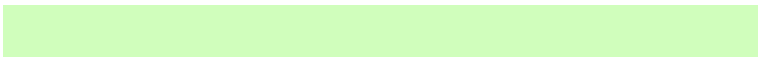
The Inverse Universe completely reimagines the original color for something new.



74.5863, 63.3308, 90.7335



72.2225, 58.4778, 88.5496



70.4769, 87.8968, 60.8307



18.6179, 18.2305, 21.8712



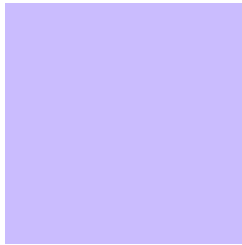
27.1092, 13.3330, 30.2891



2.6788, 1.3139, 3.1559

Previews

White Background



This preview shows how the XYZ color 60.2297, 55.6788, 101.3386 looks on a white background.

Color Contrast Check

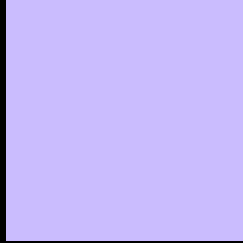
Large Text (above 18pt) WCAG AA × Fail

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 60.2297, 55.6788, 101.3386 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 60.2297, 55.6788, 101.3386

Background



This preview shows how black text looks on a background with the XYZ color 60.2297, 55.6788, 101.3386.



This preview shows how white text looks on a background with the XYZ color 60.2297, 55.6788,

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

60.2297, 55.6788, 101.3386

Protanopia

56.6212, 56.0740, 102.4468

Deuteranopia

57.0493, 55.6709, 100.6672



Tritanopia

53.7459, 55.6523, 69.5373

Trichromacy



Original Color

60.2297, 55.6788, 101.3386

Protanomaly

57.8859, 55.7381, 102.3154

Deuteranomaly

58.0987, 55.5599, 100.5905

Tritanomaly

55.9611, 55.5563, 80.4470

Monochromacy



Original Color

60.2297, 55.6788, 101.3386

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.7456, 57.0647, 75.7339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2297, 55.6788, 101.3386 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(202, 188, 254)` looks like.

```
.text, #text, p{  
    color:rgb(202, 188, 254)  
}
```

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(202, 188, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 188, 254) }
```

Border

The CSS property to change the border of an element to XYZ 60.2297, 55.6788, 101.3386 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(202, 188, 254) }
```


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

```
.border{ border-color:rgb(202, 188, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 188, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 188, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 188, 254);  
box-shadow:4px 4px 4px 4px rgb(202, 188,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2297, 55.6788, 101.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 188, 254) }
```

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

```
.background{ background-color: rgb(202,  
188, 254) }
```

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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