

Converting Colors

XYZ(89.9850, 90.4729,
105.3528)

Have a look what the booklet for
XYZ(89.9850, 90.4729, 105.3528)
contains.

XYZ(90.1297, 90.6720, 105.6796)	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(90.1297, 90.6720,
105.6796)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF0FD
RGB	255, 240, 253
RGB Percent	100%, 94%, 99%
CMY	0.0000, 0.0588, 0.0078
CMYK	0.00, 0.06, 0.01, 0.00
HSL	308°, 100%, 97%
HSV	308°, 6%, 100%
XYZ	90.1297, 90.6720, 105.6796
YIQ	245.9670, 4.7670, 7.2230

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 240, 253
Decimal	16773373
CIE _{Lab}	96.27, 7.28, -4.44
CIE _{LCh}	96, 8.529, 328.615
Yxy	90.6720, 0.3146, 0.3165
Android (android.graphics.Color)	4294963453 (0xFFFFF0FD)
YUV	245.9670, 3.4673, 7.9219
Hunter-Lab	95.2218, 2.3162, 0.8538

Details

The XYZ color **90.1297, 90.6720, 105.6796** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.7248, 96.4574, 98.0023**, and the grayscale version is **87.5427, 92.1018, 100.2988**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **50.3930, 50.2723, 59.2721** is the 20% darker color. If you saturate the color by 10%, you get **82.6079, 76.4869, 100.5260**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



Red (100%)

Green (94%)

Blue (99%)



Red (100%)

Yellow (94%)

Blue (99%)



Cyan (0%)

Magenta (6%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 90.1297, 90.6720, 105.6796 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 90.1297, 90.6720, 105.6796 by changing the saturation by 10% instead.


 90.1297, 90.6720,
105.6796

 90.1297, 90.6720,
105.6796


516.6843,
530.2144, 599.6541

 68.4249, 68.5381,
80.4090


146.3960,
148.2715, 171.0603

 50.5184, 50.3357,
59.5268

181.6881,
184.5059, 212.0075

 36.0449, 35.6802,
42.6146

222.2400,
226.2093, 259.0172

 24.6392, 24.1873,
29.2536

268.4171,
273.7660, 312.5082

 15.9357, 15.4726,
19.0256

320.5848,
327.5605, 372.8988

 9.5692, 9.1517,
11.5117

379.1083,

 5.1744, 4.8403,

387.9771, 440.6076

6.2937

444.3530,
455.4003, 516.0532

■ 2.3857, 2.1539,
2.9528

■ 0.8380, 0.6947,
1.0706

■ 90.1297, 90.6720,
105.6796

■ 90.1297, 90.6720,
105.6796

■ 82.6079, 76.4869,
100.5260

95.0500, 100.0000,
108.9000

■ 76.1048, 64.3241,
95.7580

■ 70.5755, 54.0937,
91.3617

■ 65.9696, 45.6947,
87.3201

■ 62.2317, 39.0169,
83.6145

■ 59.3010, 33.9383,
80.2242

■ 57.1083, 30.3207,
77.1261

■ 55.5728, 28.0028,
74.2929

■ 54.5945, 26.7843,
71.6911

Harmonies

Analogous

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



88.3817, 90.6720, 110.6309



90.1297, 90.6720, 105.6796



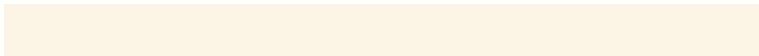
90.8170, 90.6720, 99.0422

Triad

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



90.1297, 90.6720, 105.6796



86.2912, 90.6720, 86.2468



82.2426, 90.6720, 105.1089

Complementary

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



90.1297, 90.6720, 105.6796



87.7248, 96.4574, 98.0023

Split Complementary

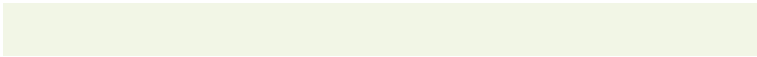
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.7056, 90.6720, 98.4113



90.1297, 90.6720, 105.6796



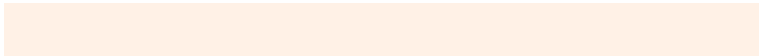
84.0172, 90.6720, 87.7081

Square

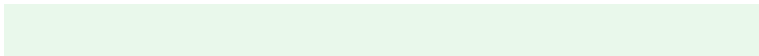
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



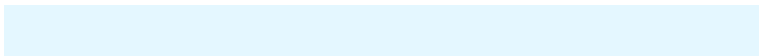
90.1297, 90.6720, 105.6796



88.5759, 90.6720, 87.9999



82.3494, 90.6720, 92.0851



83.8297, 90.6720, 110.2910

Rectangle

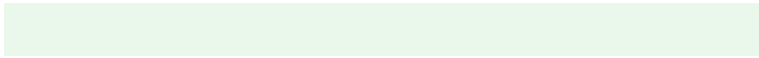
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



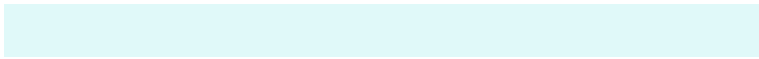
90.1297, 90.6720, 105.6796



90.5717, 90.6720, 94.6192



82.3494, 90.6720, 92.0851



81.9346, 90.6720, 102.9508

Sweetspot

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



90.1317, 90.6756, 105.6815



93.3353, 96.7454, 107.7895



85.7458, 88.3776, 107.1470



19.9956, 20.7416, 23.0831



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.



90.1317, 90.6756, 105.6815



89.2369, 88.9830, 105.0844



88.9986, 90.2224, 99.7146



18.9983, 18.8531, 22.4239



28.4098, 13.8532, 37.1379



2.7938, 1.3599, 3.7616

Inverse Universe

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



90.1317, 90.6756, 105.6815



89.2369, 88.9830, 105.0844



88.8355, 96.9016, 103.8507



18.9983, 18.8531, 22.4239



28.4098, 13.8532, 37.1379



2.7938, 1.3599, 3.7616

Previews

White Background



This preview shows how the XYZ color 90.1297, 90.6720, 105.6796 looks on a white background.

Color Contrast Check

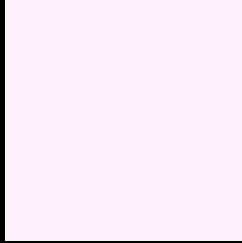
Large Text (above 18pt) WCAG AA × Fail

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 90.1297, 90.6720, 105.6796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

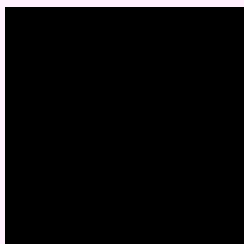
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.1297, 90.6720, 105.6796

Background



This preview shows how black text looks on a background with the XYZ color 90.1297, 90.6720, 105.6796.



This preview shows how white text looks on a background with the XYZ color 90.1297, 90.6720,

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

90.1297, 90.6720, 105.6796

Protanopia

88.1066, 90.9140, 107.5122

Deuteranopia

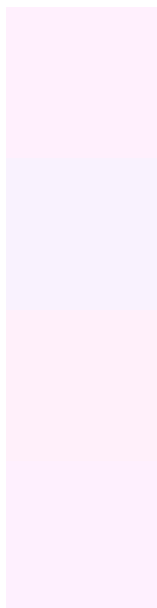
89.4990, 90.4197, 102.3582



Tritanopia

89.7181, 90.4228, 107.3324

Trichromacy



Original Color

90.1297, 90.6720, 105.6796

Protanomaly

88.7084, 90.7998, 106.6166

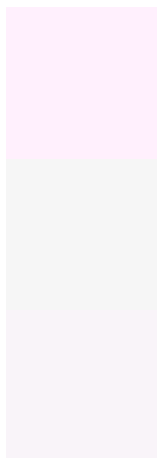
Deuteranomaly

89.6554, 90.4823, 103.1820

Tritanomaly

89.9225, 90.5468, 106.5038

Monochromacy



Original Color

90.1297, 90.6720, 105.6796

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

88.5165, 91.6807, 102.6533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.1297, 90.6720, 105.6796 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(255, 240, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 253)  
}
```

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(255, 240, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 253) }
```

Border

The CSS property to change the border of an element to XYZ 90.1297, 90.6720, 105.6796 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(255, 240, 253) }
```


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

```
.border{ border-color:rgb(255, 240, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 90.1297, 90.6720, 105.6796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 253) }
```

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

```
.background{ background-color: rgb(255,  
240, 253) }
```

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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