

Converting Colors

XYZ(30.5094, 25.7851, 58.3184)

Have a look what the booklet for
XYZ(30.5094, 25.7851, 58.3184)
contains.

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Color

**XYZ(30.4091, 25.7384,
58.0089)**

Conversions

Conversions Part 1

Format	Color
Hex	957FC8
RGB	149, 127, 200
RGB Percent	58%, 50%, 78%
CMY	0.4157, 0.5019, 0.2157
CMYK	0.25, 0.36, 0.00, 0.22
HSL	258°, 40%, 64%
HSV	258°, 36%, 78%
XYZ	30.4091, 25.7384, 58.0089
YIQ	141.9000, -10.3210, 27.3670

Conversions

Conversions Part 2

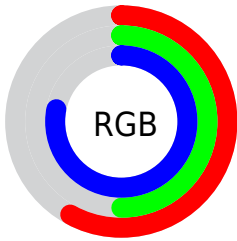
Format	Color
R_{YB}	149, 127, 200
Decimal	9797576
CIE _{Lab}	57.79, 23.92, -34.91
CIE _{LCh}	58, 42.323, 304.418
Yxy	25.7384, 0.2664, 0.2255
Android (android.graphics.Color)	4287987656 (0xFF957FC8)
YUV	141.9000, 28.6433, 6.2267
Hunter-Lab	50.7330, 18.2091, -32.2800

Details

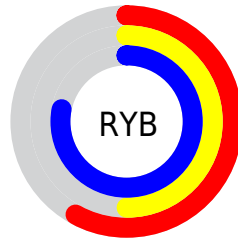
The XYZ color **30.4091, 25.7384, 58.0089** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.8458, 52.3064, 27.9176**, and the grayscale version is **25.5657, 26.8971, 29.2909**.

A 20% lighter version of the original color is **59.2731, 52.6999, 101.6558**, and **12.7366, 10.0109, 28.4551** is the 20% darker color. If you saturate the color by 10%, you get **25.6799, 19.8395, 57.1200**, and if you desaturate by 10%, it is **35.9587, 32.8224, 59.0842**.

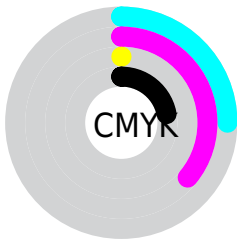
Distribution



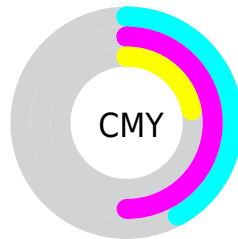
- Red (58%)
- Green (50%)
- Blue (78%)



- Red (58%)
- Yellow (50%)
- Blue (78%)



- Cyan (25%)
- Magenta (36%)
- Yellow (0%)
- Black (22%)



- Cyan (42%)
- Magenta (50%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4091, 25.7384, 58.0089 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 30.4091, 25.7384, 58.0089 by changing the saturation by 10% instead.

■ 30.4091, 25.7384,
58.0089

■ 30.4091, 25.7384,
58.0089

295.6825,
281.4955, 434.8183

■ 20.2989, 16.6280,
41.4011

■ 59.6907, 52.8526,
103.4507

■ 12.7220, 9.9696,
28.3105

■ 79.5929, 71.6253,
133.1218

■ 7.3131, 5.3788,
18.3188

■ 103.4898, 94.3875,
167.9843

■ 3.7067, 2.4712,
11.0073

131.7468,
121.5236, 208.4569

■ 1.5376, 0.8622,
5.9575

164.7292,
153.4181, 254.9580

■ 0.3512, 0.0000,
2.7509

202.8023,

■ 0.0000, 0.0000,

190.4553, 307.9063

0.9689

246.3317,
233.0197, 367.7202

■ 0.0000, 0.0000,
0.0000

■ 30.4091, 25.7384,
58.0089

■ 30.4091, 25.7384,
58.0089

■ 25.6799, 19.8395,
57.1200

■ 35.9587, 32.8224,
59.0842

■ 21.7270, 15.0561,
56.4050

■ 42.3642, 41.1496,
60.3539

■ 18.5063, 11.3158,
55.8529

■ 49.6622, 50.7781,
61.8277

■ 15.9676, 8.5364,
55.4502

■ 57.8863, 61.7612,
63.5142

■ 14.0535, 6.6224,
55.1816

■ 67.0683, 74.1493,
65.4214

■ 12.6924, 5.4517,
55.0274

■ 77.2386, 87.9901,
67.5569

■ 12.3055, 5.1394,
54.9875

■ 84.4764, 95.4299,
68.6115

■ 87.4254, 96.9502,
68.7495

Harmonies

Analogous

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



25.2235, 25.7384, 66.1828



30.4091, 25.7384, 58.0089



34.3717, 25.7384, 41.9201

Triad

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



30.4091, 25.7384, 58.0089



28.9276, 25.7384, 9.6101



15.9613, 25.7384, 30.2347

Complementary

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



30.4091, 25.7384, 58.0089



42.8458, 52.3064, 27.9176

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.



16.6699, 25.7384, 17.5992



30.4091, 25.7384, 58.0089



23.7190, 25.7384, 8.3654

Square

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



30.4091, 25.7384, 58.0089



33.4367, 25.7384, 15.0023



19.3484, 25.7384, 10.7046



17.2592, 25.7384, 46.9923

Rectangle

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



30.4091, 25.7384, 58.0089



35.5274, 25.7384, 30.8346



19.3484, 25.7384, 10.7046



15.9743, 25.7384, 25.3910

Sweetspot

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



30.4100, 25.7394, 58.0095



79.8997, 79.8617, 105.8114



35.1188, 40.5636, 60.6227



16.7316, 16.6054, 22.5733



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.



30.4100, 25.7394, 58.0095



45.8861, 36.1068, 99.1586



38.1197, 29.7139, 58.3703



10.3522, 10.4398, 13.3870



7.9043, 3.3091, 34.9665



0.4487, 0.1951, 1.6591

Inverse Universe

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



39.4454, 30.6733, 45.9617



64.1084, 46.0753, 74.0512



35.5726, 48.5570, 27.5772



10.9417, 10.7601, 12.6762



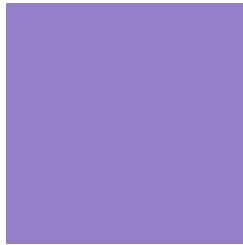
18.1834, 9.0229, 16.7076



0.8920, 0.4396, 0.9542

Previews

White Background



This preview shows how the XYZ color 30.4091, 25.7384, 58.0089 looks on a white background.

Color Contrast Check

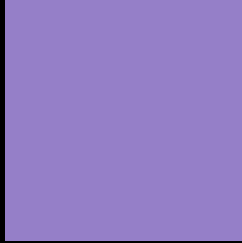
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4091, 25.7384, 58.0089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

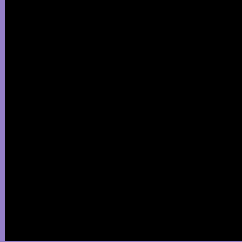
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4091, 25.7384, 58.0089

Background



This preview shows how black text looks on a background with the XYZ color 30.4091, 25.7384, 58.0089.



This preview shows how white text looks on a background with the XYZ color 30.4091, 25.7384,

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

30.4091, 25.7384, 58.0089

Protanopia

27.2703, 26.0228, 63.2601

Deuteranopia

26.6176, 26.0361, 57.0486



Tritanopia

25.0812, 25.8040, 31.6757

Trichromacy



Original Color

30.4091, 25.7384, 58.0089

Protanomaly

28.1594, 25.6949, 61.2331

Deuteranomaly

27.8872, 25.8408, 57.5508

Tritanomaly

26.8278, 25.6799, 40.1019

Monochromacy



Original Color

30.4091, 25.7384, 58.0089

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.2336, 26.5554, 38.3407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4091, 25.7384, 58.0089 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(149, 127, 200)` looks like.

```
.text, #text, p{  
    color:rgb(149, 127, 200)  
}
```

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(149, 127, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 127, 200) }
```

Border

The CSS property to change the border of an element to XYZ 30.4091, 25.7384, 58.0089 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(149, 127, 200) }
```


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

```
.border{ border-color:rgb(149, 127, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 127, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 127, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 127, 200);  
box-shadow:4px 4px 4px 4px rgb(149, 127,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4091, 25.7384, 58.0089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 127, 200) }
```

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

```
.background{ background-color: rgb(149,  
127, 200) }
```

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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