

Converting Colors

XYZ(27.9528, 24.7589, 91.3036)

Have a look what the booklet for
XYZ(27.9528, 24.7589, 91.3036)
contains.

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Color

**XYZ(27.9414, 24.7138,
91.2933)**

Conversions

Conversions Part 1

Format	Color
Hex	4B84F7
RGB	75, 132, 247
RGB Percent	29%, 52%, 97%
CMY	0.7058, 0.4823, 0.0314
CMYK	0.70, 0.47, 0.00, 0.03
HSL	220°, 91%, 63%
HSV	220°, 70%, 97%
XYZ	27.9414, 24.7138, 91.2933
YIQ	128.0670, -70.8870, 23.6810

Conversions

Conversions Part 2

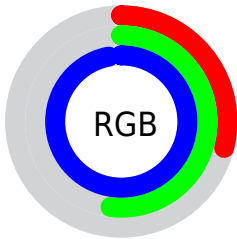
Format	Color
R _{YB}	75, 118, 247
Decimal	4949239
CIE _{Lab}	56.80, 18.69, -63.08
CIE _{LCh}	57, 65.792, 286.501
Y _{xy}	24.7138, 0.1941, 0.1717
Android (android.graphics.Color)	4283139319 (0xFF4B84F7)
YUV	128.0670, 58.6340, -46.5398
Hunter-Lab	49.7130, 13.3290, -74.0815

Details

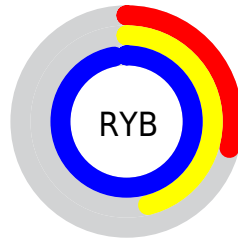
The XYZ color **27.9414, 24.7138, 91.2933** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **58.0441, 57.1138, 14.6233**, and the grayscale version is **20.3632, 21.4237, 23.3304**.

A 20% lighter version of the original color is **46.3835, 47.5806, 101.3471**, and **12.3875, 9.9042, 49.9740** is the 20% darker color. If you saturate the color by 10%, you get **24.3056, 19.7740, 90.5320**, and if you desaturate by 10%, it is **32.6833, 30.7505, 92.2092**.

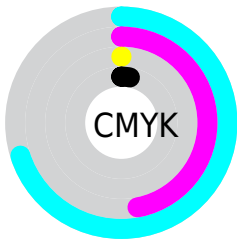
Distribution



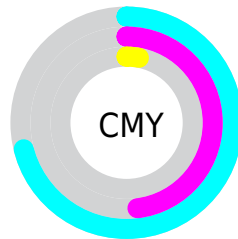
- Red (29%)
- Green (52%)
- Blue (97%)



- Red (29%)
- Yellow (46%)
- Blue (97%)



- Cyan (70%)
- Magenta (47%)
- Yellow (0%)
- Black (3%)



- Cyan (71%)
- Magenta (48%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9414, 24.7138, 91.2933 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 27.9414, 24.7138, 91.2933 by changing the saturation by 10% instead.

■ 27.9414, 24.7138,
91.2933

■ 27.9414, 24.7138,
91.2933

284.2720,
276.4096, 552.9073

■ 18.4217, 15.8640,
68.4741

■ 55.8002, 51.1925,
151.0847

■ 11.3547, 9.4279,
49.8144

■ 74.8700, 69.5902,
188.8940

■ 6.3750, 5.0213,
34.8958

■ 97.8538, 91.9393,
232.5370

■ 3.1172, 2.2598,
23.2997

■ 125.1172,
118.6242, 282.4323

■ 1.2161, 0.7523,
14.6076

157.0253,
150.0293, 338.9984

■ 0.1190, 0.0000,
8.4009

193.9436,

■ 0.0000, 0.0000,

186.5390, 402.6540

4.2611

236.2373,
228.5376, 473.8174

■ 0.0000, 0.0000,
1.7696

■ 0.0000, 0.0000,
0.4078

■ 27.9414, 24.7138,
91.2933

■ 27.9414, 24.7138,
91.2933

■ 24.3056, 19.7740,
90.5320

■ 32.6833, 30.7505,
92.2092

■ 21.6637, 15.8480,
89.9135

■ 38.6212, 37.9530,
93.2864

■ 19.8517, 12.8247,
89.4254

■ 45.8387, 46.3863,
94.5338

■ 19.7943, 12.7268,
89.4096

■ 54.4105, 56.1094,
95.9588

■ 64.4055, 67.1772,
97.5683

■ 75.8873, 79.6414,
99.3689

■ 88.9159, 93.5505,
101.3670

■ 93.7886, 99.4954,
102.2577

Harmonies

Analogous

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



20.2066, 24.7138, 92.5947



27.9414, 24.7138, 91.2933



35.9208, 24.7138, 67.8127

Triad

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



27.9414, 24.7138, 91.2933



35.1993, 24.7138, 6.4056



11.8523, 24.7138, 18.1903

Complementary

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



27.9414, 24.7138, 91.2933



58.0441, 57.1138, 14.6233

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.



14.3191, 24.7138, 7.0267



27.9414, 24.7138, 91.2933



27.1105, 24.7138, 3.1713

Square

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



27.9414, 24.7138, 91.2933



40.6963, 24.7138, 16.5906



19.5379, 24.7138, 3.3112



11.9797, 24.7138, 40.8067

Rectangle

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



27.9414, 24.7138, 91.2933



39.8129, 24.7138, 47.5552



19.5379, 24.7138, 3.3112



12.3778, 24.7138, 13.3168

Sweetspot

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



27.9425, 24.7145, 91.2940



67.6408, 70.4644, 104.6437



45.4218, 71.7216, 59.9764



13.8213, 14.3585, 22.2930



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.



27.9425, 24.7145, 91.2940



24.7261, 19.2265, 97.0156



24.9767, 14.6727, 89.5120



16.0297, 16.8237, 20.9450



10.5843, 6.9624, 47.3240



1.0207, 0.7927, 4.1895

Inverse Universe

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



45.0398, 26.4739, 24.5663



44.9383, 23.9970, 17.5276



63.5453, 81.9874, 19.1345



16.7256, 16.5731, 18.3015



21.1470, 10.8022, 5.4823



1.9042, 0.9677, 0.7221

Previews

White Background



This preview shows how the XYZ color 27.9414, 24.7138, 91.2933 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 27.9414, 24.7138, 91.2933 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

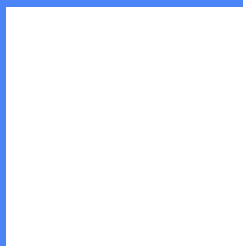
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9414, 24.7138, 91.2933

Background



This preview shows how black text looks on a background with the XYZ color 27.9414, 24.7138, 91.2933.



This preview shows how white text looks on a background with the XYZ color 27.9414, 24.7138,

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

27.9414, 24.7138, 91.2933

Protanopia

28.1817, 24.8376, 91.3045

Deuteranopia

25.4176, 24.7086, 91.0175



Tritanopia

17.4279, 24.4213, 37.9777

Trichromacy



Original Color

27.9414, 24.7138, 91.2933

Protanomaly

28.1003, 24.7957, 91.3007

Deuteranomaly

25.7376, 24.4339, 89.7459

Tritanomaly

19.9001, 23.7282, 53.9832

Monochromacy



Original Color

27.9414, 24.7138, 91.2933

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.5076, 21.8920, 41.6201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9414, 24.7138, 91.2933 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(75, 132, 247)` looks like.

```
.text, #text, p{  
    color:rgb(75, 132, 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(75, 132, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 132, 247) }
```

Border

The CSS property to change the border of an element to XYZ 27.9414, 24.7138, 91.2933 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(75, 132, 247) }
```


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

```
.border{ border-color:rgb(75, 132, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 132, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 132, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 132, 247);  
box-shadow:4px 4px 4px 4px rgb(75, 132,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9414, 24.7138, 91.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 132, 247) }
```

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

```
.background{ background-color: rgb(75, 132,  
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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