

Converting Colors

XYZ(28.9655, 26.1759, 98.1336)

Have a look what the booklet for
XYZ(28.9655, 26.1759, 98.1336)
contains.

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Color

**XYZ(28.9201, 26.1034,
98.1220)**

Conversions

Conversions Part 1

Format	Color
Hex	3D89FF
RGB	61, 137, 255
RGB Percent	24%, 54%, 100%
CMY	0.7607, 0.4627, 0.0000
CMYK	0.76, 0.46, 0.00, 0.00
HSL	216°, 100%, 62%
HSV	216°, 76%, 100%
XYZ	28.9201, 26.1034, 98.1220
YIQ	127.7280, -83.1740, 20.5860

Conversions

Conversions Part 2

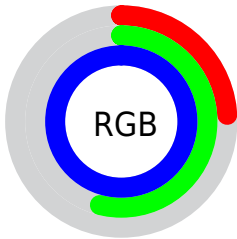
Format	Color
R _{YB}	61, 116, 255
Decimal	4033023
CIE _{Lab}	58.14, 16.75, -65.36
CIE _{LCh}	58, 67.474, 284.373
Yxy	26.1034, 0.1888, 0.1704
Android (android.graphics.Color)	4282223103 (0xFF3D89FF)
YUV	127.7280, 62.7451, -58.5205
Hunter-Lab	51.0915, 11.6290, -78.1033

Details

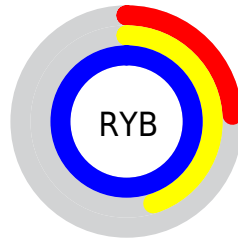
The XYZ color **28.9201, 26.1034, 98.1220** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **58.2056, 53.8429, 11.7419**, and the grayscale version is **20.2361, 21.2899, 23.1847**.

A 20% lighter version of the original color is **46.1363, 49.0335, 101.6405**, and **13.5678, 11.0107, 54.2335** is the 20% darker color. If you saturate the color by 10%, you get **25.6577, 21.3804, 97.3823**, and if you desaturate by 10%, it is **33.2469, 31.8460, 99.0023**.

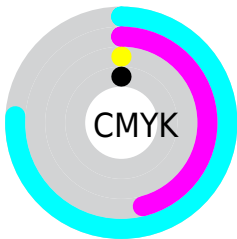
Distribution



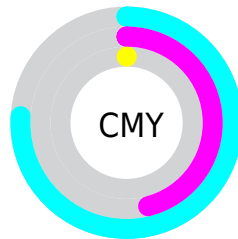
- Red (24%)
- Green (54%)
- Blue (100%)



- Red (24%)
- Yellow (45%)
- Blue (100%)



- Cyan (76%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9201, 26.1034, 98.1220 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 28.9201, 26.1034, 98.1220 by changing the saturation by 10% instead.

■ 28.9201, 26.1034,
98.1220

■ 28.9201, 26.1034,
98.1220

288.8388,
283.2893, 575.3499

■ 19.1644, 16.9010,
74.1250

■ 57.3486, 53.4417,
160.6033

■ 11.8938, 10.1639,
54.3989

■ 76.7520, 72.3464,
199.9246

■ 6.7431, 5.5078,
38.5253

■ 100.1020, 95.2540,
245.1911

■ 3.3469, 2.5482,
26.0857

■ 127.7640,
122.5489, 296.8212

■ 1.3397, 0.9007,
16.6614

160.1033,
154.6155, 355.2337

■ 0.2127, 0.0000,
9.8340

197.4853,

■ 0.0000, 0.0000,

191.8382, 420.8469

5.1849

240.2754,
234.6013, 494.0794

■ 0.0000, 0.0000,
2.2955

■ 0.0000, 0.0000,
0.7287

■ 28.9201, 26.1034,
98.1220

■ 28.9201, 26.1034,
98.1220

■ 25.6577, 21.3804,
97.3823

■ 33.2469, 31.8460,
99.0023

■ 23.3271, 17.5882,
96.7731

■ 38.7409, 38.6797,
100.0318

■ 22.5963, 16.3125,
96.5654

■ 45.4951, 46.6700,
101.2181

■ 53.5913, 55.8762,
102.5684

■ 63.1040, 66.3528,
104.0892

■ 74.1019, 78.1504,
105.7867

■ 86.6489, 91.3170,
107.6668

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



20.8132, 26.1034, 97.5412



28.9201, 26.1034, 98.1220



37.5046, 26.1034, 74.2635

Triad

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



28.9201, 26.1034, 98.1220



37.8257, 26.1034, 7.1350



12.5440, 26.1034, 17.9400

Complementary

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



28.9201, 26.1034, 98.1220



58.2056, 53.8429, 11.7419

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.



15.3625, 26.1034, 6.8615



28.9201, 26.1034, 98.1220



29.2894, 26.1034, 3.3772

Square

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



28.9201, 26.1034, 98.1220



43.3617, 26.1034, 18.6488



21.1099, 26.1034, 3.3159



12.4876, 26.1034, 41.1240

Rectangle

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



28.9201, 26.1034, 98.1220



41.8502, 26.1034, 52.6727



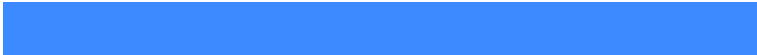
21.1099, 26.1034, 3.3159



13.1665, 26.1034, 13.0611

Sweetspot

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



28.9211, 26.1041, 98.1220



66.3222, 69.8349, 104.5917



45.6617, 75.7031, 54.0129



13.3889, 14.0740, 22.2608



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.



28.9211, 26.1041, 98.1220



24.4022, 19.4016, 97.0665



23.0628, 12.2826, 95.7630



17.5866, 18.5448, 22.9025



11.9418, 8.7932, 50.5024



1.2653, 1.0614, 4.9514

Inverse Universe

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



47.4249, 26.4052, 26.2643



44.5739, 23.0822, 17.9798



71.0626, 89.6218, 17.9703



18.3040, 18.1049, 20.2179



22.8159, 11.6156, 7.6808



2.2733, 1.1517, 1.0206

Previews

White Background



This preview shows how the XYZ color 28.9201, 26.1034, 98.1220 looks on a white background.

Color Contrast Check

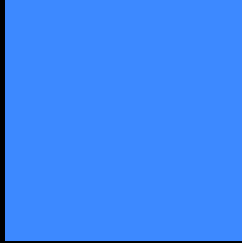
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9201, 26.1034, 98.1220 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

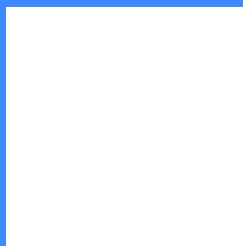
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.9201, 26.1034, 98.1220

Background



This preview shows how black text looks on a background with the XYZ color 28.9201, 26.1034, 98.1220.



This preview shows how white text looks on a background with the XYZ color 28.9201, 26.1034,

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

28.9201, 26.1034, 98.1220

Protanopia

29.7019, 26.1253, 96.4057

Deuteranopia

26.7802, 25.9519, 94.0402

Trichromacy



Original Color

28.9201, 26.1034, 98.1220

Protanomaly

29.4412, 26.1805, 97.2676

Deuteranomaly

27.2796, 25.9550, 95.6675

Monochromacy



Original Color

28.9201, 26.1034, 98.1220

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.4652, 22.2316, 43.2042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9201, 26.1034, 98.1220 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(61, 137, 255)` looks like.

```
.text, #text, p{  
    color:rgb(61, 137, 255)  
}
```

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(61, 137, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 137, 255) }
```

Border

The CSS property to change the border of an element to XYZ 28.9201, 26.1034, 98.1220 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(61, 137, 255) }
```

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

```
.border{ border-color:rgb(61, 137, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 137, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 137, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 137, 255);  
box-shadow:4px 4px 4px 4px rgb(61, 137,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 28.9201, 26.1034, 98.1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 137, 255) }
```

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

```
.background{ background-color: rgb(61, 137,  
255) }
```

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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