

Converting Colors

XYZ(27.4528, 25.2713, 96.9849)

Have a look what the booklet for
XYZ(27.4528, 25.2713, 96.9849)
contains.

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Color

**XYZ(27.5626, 25.4221,
97.2202)**

Conversions

Conversions Part 1

Format	Color
Hex	2489FE
RGB	36, 137, 254
RGB Percent	14%, 54%, 100%
CMY	0.8587, 0.4627, 0.0039
CMYK	0.86, 0.46, 0.00, 0.00
HSL	212°, 99%, 57%
HSV	212°, 86%, 100%
XYZ	27.5626, 25.4221, 97.2202
YIQ	120.1390, -97.7530, 14.9750

Conversions

Conversions Part 2

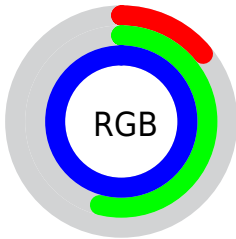
Format	Color
RYB	36, 105, 254
Decimal	2394622
CIELab	57.48, 14.21, -65.89
CIELCh	57, 67.405, 282.168
Yxy	25.4221, 0.1835, 0.1692
Android (android.graphics.Color)	4280584702 (0xFF2489FE)
YUV	120.1390, 65.9935, -73.7899
Hunter-Lab	50.4203, 9.3426, -79.0284

Details

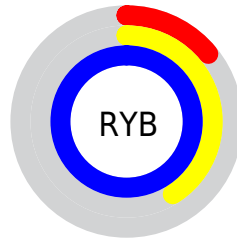
The XYZ color **27.5626, 25.4221, 97.2202** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **52.5880, 43.9901, 7.3905**, and the grayscale version is **17.7179, 18.6407, 20.2997**.

A 20% lighter version of the original color is **44.3486, 48.1119, 101.5568**, and **13.4535, 10.9650, 53.6319** is the 20% darker color. If you saturate the color by 10%, you get **25.1512, 21.4815, 96.5873**, and if you desaturate by 10%, it is **30.8482, 30.1772, 97.9655**.

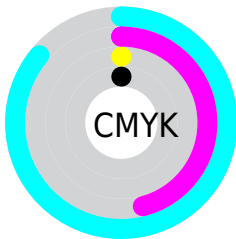
Distribution



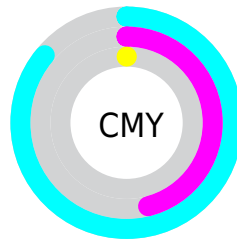
- Red (14%)
- Green (54%)
- Blue (100%)



- Red (14%)
- Yellow (41%)
- Blue (100%)



- Cyan (86%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)



- Cyan (86%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5626, 25.4221, 97.2202 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 27.5626, 25.4221, 97.2202 by changing the saturation by 10% instead.

■ 27.5626, 25.4221,
97.2202

■ 27.5626, 25.4221,
97.2202

282.4890,
279.9336, 572.4135

■ 18.1350, 16.3918,
73.3772

■ 55.1989, 52.3412,
159.3502

■ 11.1472, 9.8018,
53.7907

■ 74.1383, 70.9987,
198.4743

■ 6.2340, 5.2678,
38.0423

■ 96.9789, 93.6342,
243.5291

■ 3.0299, 2.4052,
25.7135

■ 124.0862,
120.6319, 294.9332

■ 1.1696, 0.8286,
16.3856

■ 155.8255,
152.3763, 353.1052

■ 0.0821, 0.0000,
9.6401

192.5622,

■ 0.0000, 0.0000,

189.2518, 418.4635

5.0585

234.6616,
231.6428, 491.4267

■ 0.0000, 0.0000,
2.2223

■ 0.0000, 0.0000,
0.6872

■ 27.5626, 25.4221,
97.2202

■ 27.5626, 25.4221,
97.2202

■ 25.1512, 21.4815,
96.5873

■ 30.8482, 30.1772,
97.9655

■ 24.3282, 20.0333,
96.3511

■ 35.1274, 35.8208,
98.8292

■ 40.5015, 42.4173,
99.8193

■ 47.0571, 50.0231,
100.9418

■ 54.8714, 58.6892,
102.2027

■ 64.0144, 68.4622,
103.6072

■ 74.5508, 79.3859,
105.1603

■ 86.5406, 91.5012,
106.8669

■ 94.8895, 99.9358,
108.0549

Harmonies

Analogous

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



19.7403, 25.4221, 94.6332



27.5626, 25.4221, 97.2202



36.0686, 25.4221, 75.0336

Triad

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



27.5626, 25.4221, 97.2202



37.4945, 25.4221, 7.3536



12.2520, 25.4221, 16.2361

Complementary

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



27.5626, 25.4221, 97.2202



52.5880, 43.9901, 7.3905

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.



15.2162, 25.4221, 6.1505



27.5626, 25.4221, 97.2202



29.2012, 25.4221, 3.3277

Square

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



27.5626, 25.4221, 97.2202



42.5969, 25.4221, 19.3732



21.0550, 25.4221, 3.0600



12.0028, 25.4221, 38.0761

Rectangle

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



27.5626, 25.4221, 97.2202



40.5329, 25.4221, 53.8538



21.0550, 25.4221, 3.0600



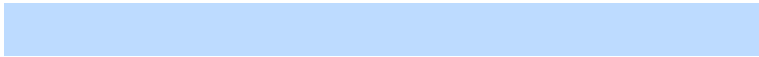
12.9275, 25.4221, 11.7533

Sweetspot

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



27.5638, 25.4228, 97.2209



64.4012, 68.8790, 104.5084



41.8610, 73.5358, 41.8136



13.0690, 13.9856, 22.2606



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.



27.5638, 25.4228, 97.2209



24.5432, 20.2064, 97.2144



19.5298, 8.9392, 94.4627



17.6965, 18.7646, 22.9392



12.9702, 10.8499, 50.8452



1.3708, 1.2723, 4.9866

Inverse Universe

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



46.0204, 24.1405, 25.9011



44.5175, 22.5710, 19.1888



74.0253, 90.7377, 15.2838



18.3595, 18.1271, 20.5101



23.3349, 11.8233, 10.4142



2.3265, 1.1730, 1.3009

Previews

White Background



This preview shows how the XYZ color 27.5626, 25.4221, 97.2202 looks on a white background.

Color Contrast Check

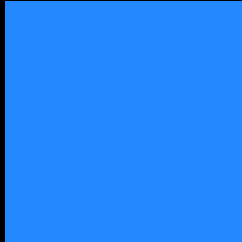
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5626, 25.4221, 97.2202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

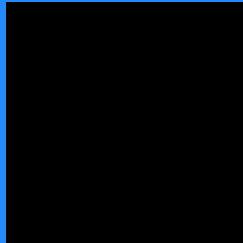
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

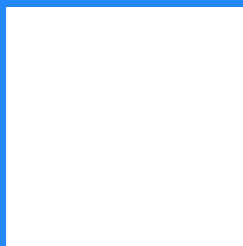
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5626, 25.4221, 97.2202

Background



This preview shows how black text looks on a background with the XYZ color 27.5626, 25.4221, 97.2202.



This preview shows how white text looks on a background with the XYZ color 27.5626, 25.4221,

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

27.5626, 25.4221, 97.2202

Protanopia

28.8673, 25.3394, 93.8120

Deuteranopia

26.0126, 25.4100, 90.7224



Tritanopia

17.8391, 25.1008, 38.5551

Trichromacy



Original Color

27.5626, 25.4221, 97.2202

Protanomaly

27.9876, 25.0720, 94.6311

Deuteranomaly

26.4975, 25.3904, 93.1268

Tritanomaly

20.5635, 24.9385, 55.9544

Monochromacy



Original Color

27.5626, 25.4221, 97.2202

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.7421, 19.9101, 40.3913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5626, 25.4221, 97.2202 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(36, 137, 254)` looks like.

```
.text, #text, p{  
    color:rgb(36, 137, 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(36, 137, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 137, 254) }
```

Border

The CSS property to change the border of an element to XYZ 27.5626, 25.4221, 97.2202 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(36, 137, 254) }
```


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

```
.border{ border-color:rgb(36, 137, 254) }
```

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

Here you see how a box with a 4 pixel rgb(36, 137, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 137, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 137, 254);  
box-shadow:4px 4px 4px 4px rgb(36, 137,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5626, 25.4221, 97.2202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 137, 254) }
```

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

```
.background{ background-color: rgb(36, 137,  
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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