

Converting Colors

XYZ(26.5430, 23.2645, 77.2209)

Have a look what the booklet for
XYZ(26.5430, 23.2645, 77.2209)
contains.

XYZ(26.5561, 23.3227, 77.2308)	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(26.5561, 23.3227,
77.2308)**

Conversions

Conversions Part 1

Format	Color
Hex	607FE5
RGB	96, 127, 229
RGB Percent	38%, 50%, 90%
CMY	0.6235, 0.5020, 0.1020
CMYK	0.58, 0.45, 0.00, 0.10
HSL	226°, 72%, 64%
HSV	226°, 58%, 90%
XYZ	26.5561, 23.3227, 77.2308
YIQ	129.3590, -51.2180, 25.1500

Conversions

Conversions Part 2

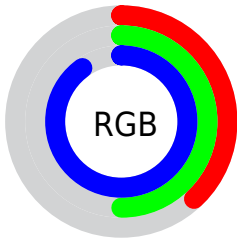
Format	Color
R _{YB}	96, 121, 229
Decimal	6324197
CIE Lab	55.40, 19.10, -55.25
CIE LCh	55, 58.463, 289.069
Yxy	23.3227, 0.2089, 0.1835
Android (android.graphics.Color)	4284514277 (0xFF607FE5)
YUV	129.3590, 49.1230, -29.2558
Hunter-Lab	48.2936, 13.6414, -61.0107

Details

The XYZ color **26.5561, 23.3227, 77.2308** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **54.6204, 57.8936, 19.3637**, and the grayscale version is **20.8390, 21.9242, 23.8755**.

A 20% lighter version of the original color is **47.8804, 46.5281, 101.0650**, and **10.6481, 8.7685, 40.6664** is the 20% darker color. If you saturate the color by 10%, you get **22.4142, 18.1088, 76.4432**, and if you desaturate by 10%, it is **31.7969, 29.6905, 78.1842**.

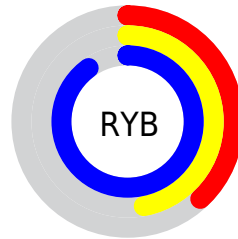
Distribution



Red (38%)

Green (50%)

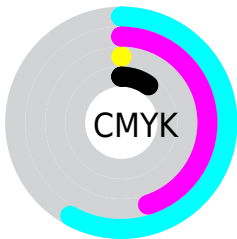
Blue (90%)



Red (38%)

Yellow (47%)

Blue (90%)

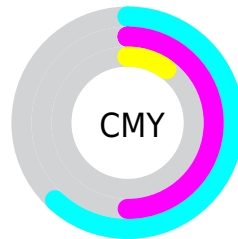


Cyan (58%)

Magenta (45%)

Yellow (0%)

Black (10%)



Cyan (62%)

Magenta (50%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5561, 23.3227, 77.2308 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 26.5561, 23.3227, 77.2308 by changing the saturation by 10% instead.

■ 26.5561, 23.3227,
77.2308

■ 26.5561, 23.3227,
77.2308

277.7083,
269.3781, 505.0091

■ 17.3750, 14.8320,
56.9296

■ 53.5957, 48.9227,
131.2412

■ 10.5992, 8.7015,
40.5398

■ 72.1848, 66.8007,
165.7875

■ 5.8633, 4.5470,
27.6427

■ 94.6407, 88.5766,
205.9193

■ 2.8020, 1.9840,
17.8198

■ 121.3286,
114.6348, 252.0551

■ 1.0499, 0.5982,
10.6526

152.6140,
145.3596, 304.6134

■ 0.0000, 0.0000,
5.7225

188.8622,

■ 0.0000, 0.0000,

181.1355, 364.0129

2.6110

230.4385,
222.3469, 430.6719

■ 0.0000, 0.0000,
0.8981

■ 0.0000, 0.0000,
0.0000

■ 26.5561, 23.3227,
77.2308

■ 26.5561, 23.3227,
77.2308

■ 22.4142, 18.1088,
76.4432

■ 31.7969, 29.6905,
78.1842

■ 19.2849, 13.9732,
75.8099

■ 38.2080, 37.2766,
79.3105

■ 17.0728, 10.8337,
75.3205

■ 45.8580, 46.1429,
80.6187

■ 15.6489, 8.5871,
74.9619

■ 54.8092, 56.3466,
82.1165

■ 15.4330, 8.2372,
74.9058

■ 65.1198, 67.9411,
83.8110

■ 76.8440, 80.9769,
85.7092

■ 89.5509, 95.2531,
87.7951

■ 91.1430, 98.4372,
88.3258

Harmonies

Analogous

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



19.8573, 23.3227, 80.0540



26.5561, 23.3227, 77.2308



33.1466, 23.3227, 57.2359

Triad

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



26.5561, 23.3227, 77.2308



31.5164, 23.3227, 6.6952



11.9337, 23.3227, 19.1333

Complementary

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



26.5561, 23.3227, 77.2308



54.6204, 57.8936, 19.3637

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.



13.9278, 23.3227, 8.3017



26.5561, 23.3227, 77.2308



24.6503, 23.3227, 3.8610

Square

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



26.5561, 23.3227, 77.2308



36.3786, 23.3227, 15.3136



18.2912, 23.3227, 4.2520



12.2434, 23.3227, 39.1430

Rectangle

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



26.5561, 23.3227, 77.2308



36.1836, 23.3227, 40.6356



18.2912, 23.3227, 4.2520



12.3382, 23.3227, 14.5386

Sweetspot

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



26.5571, 23.3235, 77.2314



71.1563, 73.2765, 105.0012



43.0335, 62.6019, 63.2225



14.6995, 15.0832, 22.3866



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.



26.5571, 23.3235, 77.2314



27.5606, 21.7575, 97.3548



27.7597, 18.8872, 76.3117



13.8541, 14.4295, 18.1993



8.9000, 4.8622, 42.8526



0.7276, 0.4992, 3.1900

Inverse Universe

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



40.3277, 26.5574, 23.0798



47.1350, 27.8084, 20.0540



52.2602, 68.2916, 21.4951



14.5139, 14.4228, 15.6408



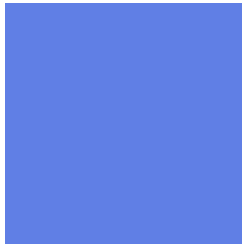
18.8858, 9.6886, 3.0278



1.4309, 0.7301, 0.4097

Previews

White Background



This preview shows how the XYZ color 26.5561, 23.3227, 77.2308 looks on a white background.

Color Contrast Check

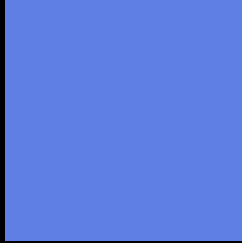
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5561, 23.3227, 77.2308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

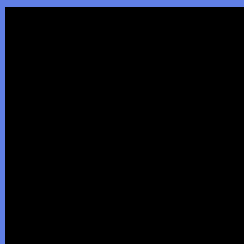
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5561, 23.3227, 77.2308

Background



This preview shows how black text looks on a background with the XYZ color 26.5561, 23.3227, 77.2308.



This preview shows how white text looks on a background with the XYZ color 26.5561, 23.3227,

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

26.5561, 23.3227, 77.2308

Protanopia

26.1118, 23.4485, 78.7511

Deuteranopia

24.1939, 23.5261, 75.9389



Tritanopia

18.0696, 23.4369, 34.5817

Trichromacy



Original Color

26.5561, 23.3227, 77.2308

Protanomaly

26.2185, 23.3252, 77.9833

Deuteranomaly

24.7924, 23.2118, 76.5724

Tritanomaly

20.5125, 23.0909, 47.6318

Monochromacy



Original Color

26.5561, 23.3227, 77.2308

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.8468, 21.9369, 38.6801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5561, 23.3227, 77.2308 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(96, 127, 229)` looks like.

```
.text, #text, p{  
    color:rgb(96, 127, 229)  
}
```

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(96, 127, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 127, 229) }
```

Border

The CSS property to change the border of an element to XYZ 26.5561, 23.3227, 77.2308 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(96, 127, 229) }
```


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

```
.border{ border-color:rgb(96, 127, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 127, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 127, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 127, 229);  
box-shadow:4px 4px 4px 4px rgb(96, 127,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5561, 23.3227, 77.2308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 127, 229) }
```

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

```
.background{ background-color: rgb(96, 127,  
229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor