

Converting Colors

XYZ(26.1557, 22.7019, 95.9319)

Have a look what the booklet for
XYZ(26.1557, 22.7019, 95.9319)
contains.

XYZ(26.1557, 22.7019, 95.9319)	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(26.1557, 22.7019,
95.9319)**

Conversions

Conversions Part 1

Format	Color
Hex	277FFD
RGB	39, 127, 253
RGB Percent	15%, 50%, 99%
CMY	0.8470, 0.5020, 0.0078
CMYK	0.85, 0.50, 0.00, 0.01
HSL	215°, 98%, 57%
HSV	215°, 85%, 99%
XYZ	26.1557, 22.7019, 95.9319
YIQ	115.0520, -92.8940, 20.5300

Conversions

Conversions Part 2

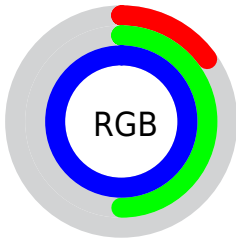
Format	Color
R _Y B	39, 101, 253
Decimal	2588669
CIE Lab	54.76, 20.20, -69.73
CIE LCh	55, 72.595, 286.160
Yxy	22.7019, 0.1806, 0.1568
Android (android.graphics.Color)	4280778749 (0xFF277FFD)
YUV	115.0520, 68.0084, -66.6976
Hunter-Lab	47.6465, 14.6067, -86.0224

Details

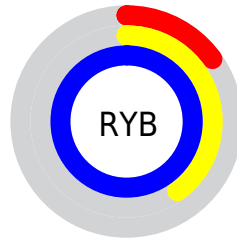
The XYZ color **26.1557, 22.7019, 95.9319** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **54.3347, 47.9489, 8.3130**, and the grayscale version is **16.1346, 16.9748, 18.4856**.

A 20% lighter version of the original color is **42.1961, 43.5978, 100.7990**, and **12.6463, 9.5321, 52.8031** is the 20% darker color. If you saturate the color by 10%, you get **23.7121, 18.7940, 95.3070**, and if you desaturate by 10%, it is **29.5232, 27.5085, 96.6828**.

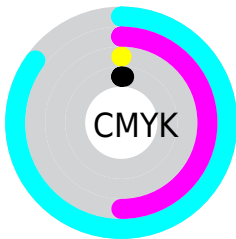
Distribution



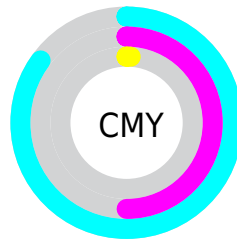
- Red (15%)
- Green (50%)
- Blue (99%)



- Red (15%)
- Yellow (40%)
- Blue (99%)



- Cyan (85%)
- Magenta (50%)
- Yellow (0%)
- Black (1%)



- Cyan (85%)
- Magenta (50%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1557, 22.7019, 95.9319 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 26.1557, 22.7019, 95.9319 by changing the saturation by 10% instead.

■ 26.1557, 22.7019,
95.9319

■ 26.1557, 22.7019,
95.9319

275.7883,
266.1902, 568.2044

■ 17.0734, 14.3735,
72.3097

■ 52.9555, 47.9034,
157.5581

■ 10.3825, 8.3809,
52.9233

■ 71.4038, 65.5453,
196.3991

■ 5.7175, 4.3397,
37.3542

■ 93.7048, 87.0605,
241.1501

■ 2.7131, 1.8653,
25.1839

■ 120.2239,
112.8335, 292.2297

■ 1.0039, 0.5274,
15.9939

■ 151.3265,
143.2485, 350.0564

■ 0.0000, 0.0000,
9.3655

187.3778,

■ 0.0000, 0.0000,

178.6900, 415.0487

4.8803

228.7433,
219.5425, 487.6252

■ 0.0000, 0.0000,
2.1197

■ 0.0000, 0.0000,
0.6275

■ 26.1557, 22.7019,
95.9319

■ 26.1557, 22.7019,
95.9319

■ 23.7121, 18.7940,
95.3070

■ 29.5232, 27.5085,
96.6828

■ 22.6821, 16.9966,
95.0143

■ 33.9324, 33.2919,
97.5667

■ 39.4846, 40.1205,
98.5921

■ 46.2669, 48.0549,
99.7661

■ 54.3575, 57.1500,
101.0952

■ 63.8273, 67.4567,
102.5855

■ 74.7420, 79.0224,
104.2426

■ 87.1628, 91.8916,
106.0720

■ 94.7297, 99.8719,
107.2135

Harmonies

Analogous

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



18.0979, 22.7019, 97.0782



26.1557, 22.7019, 95.9319



34.7066, 22.7019, 69.6060

Triad

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



26.1557, 22.7019, 95.9319



34.1046, 22.7019, 4.5979



9.8089, 22.7019, 15.5947

Complementary

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



26.1557, 22.7019, 95.9319



54.3347, 47.9489, 8.3130

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.



12.2636, 22.7019, 5.0219



26.1557, 22.7019, 95.9319



25.4767, 22.7019, 1.8612

Square

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



26.1557, 22.7019, 95.9319



40.0157, 22.7019, 14.3596



17.5673, 22.7019, 1.9448



9.9047, 22.7019, 39.1447

Rectangle

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



26.1557, 22.7019, 95.9319



38.9598, 22.7019, 47.1851



17.5673, 22.7019, 1.9448



10.3307, 22.7019, 10.8297

Sweetspot

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



26.1568, 22.7025, 95.9325



64.5305, 68.1923, 104.3690



42.6499, 73.3576, 46.9598



13.0565, 13.7799, 22.2216



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.



26.1568, 22.7025, 95.9325



23.0855, 17.2910, 96.7285



20.1352, 9.4102, 93.6842



17.6164, 18.6043, 22.9125



12.2010, 9.3116, 50.5888



1.2924, 1.1155, 4.9605

Inverse Universe

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



45.0654, 23.8678, 22.3105



43.7817, 22.2767, 15.3144



69.8091, 88.0887, 15.2451



18.3190, 18.1109, 20.2970



22.9467, 11.6680, 8.3697



2.2869, 1.1572, 1.0925

Previews

White Background



This preview shows how the XYZ color 26.1557, 22.7019, 95.9319 looks on a white background.

Color Contrast Check

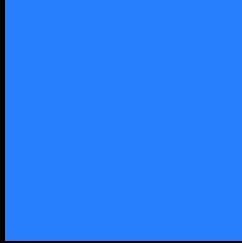
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1557, 22.7019, 95.9319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

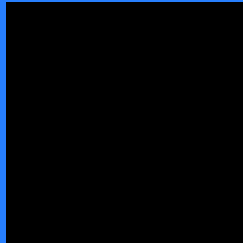
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

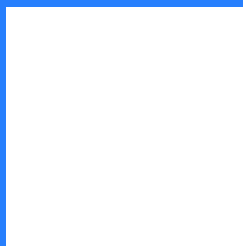
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1557, 22.7019, 95.9319

Background



This preview shows how black text looks on a background with the XYZ color 26.1557, 22.7019, 95.9319.



This preview shows how white text looks on a background with the XYZ color 26.1557, 22.7019,

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

26.1557, 22.7019, 95.9319

Protanopia

26.6624, 22.7907, 95.0893

Deuteranopia

22.9530, 22.6013, 79.4967



Tritanopia

15.9581, 22.5839, 34.0899

Trichromacy



Original Color

26.1557, 22.7019, 95.9319

Protanomaly

26.3469, 22.6281, 95.0745

Deuteranomaly

24.0256, 22.6172, 85.5374

Tritanomaly

18.5638, 21.9880, 51.9809

Monochromacy



Original Color

26.1557, 22.7019, 95.9319

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.3188, 17.9365, 38.1466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1557, 22.7019, 95.9319 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(39, 127, 253)` looks like.

```
.text, #text, p{  
    color:rgb(39, 127, 253)  
}
```

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(39, 127, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 127, 253) }
```

Border

The CSS property to change the border of an element to XYZ 26.1557, 22.7019, 95.9319 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(39, 127, 253) }
```


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

```
.border{ border-color:rgb(39, 127, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 127, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 127, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 127, 253);  
box-shadow:4px 4px 4px 4px rgb(39, 127,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1557, 22.7019, 95.9319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 127, 253) }
```

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

```
.background{ background-color: rgb(39, 127,  
253) }
```

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