

Converting Colors

XYZ(26.6828, 22.7733, 96.1322)

Have a look what the booklet for
XYZ(26.6828, 22.7733, 96.1322)
contains.

XYZ(26.6587, 22.7704, 95.9186)	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(26.6587, 22.7704,
95.9186)**

Conversions

Conversions Part 1

Format	Color
Hex	357EFD
RGB	53, 126, 253
RGB Percent	21%, 49%, 99%
CMY	0.7921, 0.5059, 0.0078
CMYK	0.79, 0.50, 0.00, 0.01
HSL	218°, 98%, 60%
HSV	218°, 79%, 99%
XYZ	26.6587, 22.7704, 95.9186
YIQ	118.6510, -84.2750, 24.0210

Conversions

Conversions Part 2

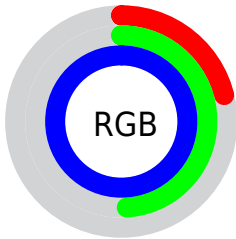
Format	Color
R _Y B	53, 106, 253
Decimal	3505917
CIE Lab	54.84, 21.97, -69.60
CIE LCh	55, 72.980, 287.520
Yxy	22.7704, 0.1834, 0.1567
Android (android.graphics.Color)	4281695997 (0xFF357EFD)
YUV	118.6510, 66.2341, -57.5759
Hunter-Lab	47.7183, 16.2151, -85.7759

Details

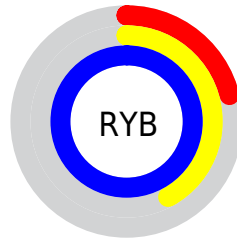
The XYZ color **26.6587, 22.7704, 95.9186** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **57.4765, 53.7903, 10.7236**, and the grayscale version is **17.2434, 18.1414, 19.7560**.

A 20% lighter version of the original color is **43.0237, 43.7279, 100.7805**, and **12.5747, 9.3889, 52.7792** is the 20% darker color. If you saturate the color by 10%, you get **23.7697, 18.4722, 95.2418**, and if you desaturate by 10%, it is **30.5808, 28.0911, 96.7394**.

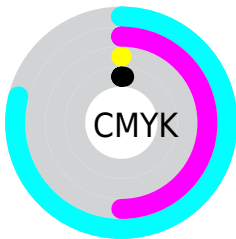
Distribution



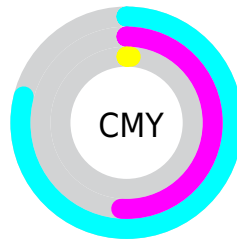
- Red (21%)
- Green (49%)
- Blue (99%)



- Red (21%)
- Yellow (42%)
- Blue (99%)



- Cyan (79%)
- Magenta (50%)
- Yellow (0%)
- Black (1%)



- Cyan (79%)
- Magenta (51%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6587, 22.7704, 95.9186 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 26.6587, 22.7704, 95.9186 by changing the saturation by 10% instead.

■ 26.6587, 22.7704,
95.9186

■ 26.6587, 22.7704,
95.9186

278.1986,
266.5435, 568.1609

■ 17.4523, 14.4241,
72.2987

■ 53.7595, 48.0160,
157.5396

■ 10.6548, 8.4162,
52.9144

■ 72.3846, 65.6842,
196.3776

■ 5.9008, 4.3624,
37.3471

■ 94.8799, 87.2283,
241.1255

■ 2.8249, 1.8783,
25.1785

■ 121.6110,
113.0329, 292.2018

■ 1.0619, 0.5353,
15.9899

152.9430,
143.4823, 350.0249

■ 0.0000, 0.0000,
9.3627

189.2414,

■ 0.0000, 0.0000,

178.9610, 415.0134

4.8785

230.8714,
219.8532, 487.5859

■ 0.0000, 0.0000,
2.1186

■ 0.0000, 0.0000,
0.6268

■ 26.6587, 22.7704,
95.9186

■ 26.6587, 22.7704,
95.9186

■ 23.7697, 18.4722,
95.2418

■ 30.5808, 28.0911,
96.7394

■ 21.7508, 15.0891,
94.6952

■ 35.6443, 34.5117,
97.7119

■ 21.5855, 14.8035,
94.6488

■ 41.9456, 42.1026,
98.8449

■ 49.5695, 50.9267,
100.1463

■ 58.5925, 61.0419,
101.6232

■ 69.0850, 72.5019,
103.2822

■ 81.1125, 85.3575,
105.1297

94.5821, 99.5766,
107.1643

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.



18.4590, 22.7704, 98.4330



26.6587, 22.7704, 95.9186



35.2246, 22.7704, 68.5523

Triad

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



26.6587, 22.7704, 95.9186



33.9063, 22.7704, 4.3375



9.7511, 22.7704, 16.3750

Complementary

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



26.6587, 22.7704, 95.9186



57.4765, 53.7903, 10.7236

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.



12.0960, 22.7704, 5.2606



26.6587, 22.7704, 95.9186



25.1726, 22.7704, 1.7920

Square

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



26.6587, 22.7704, 95.9186



40.0718, 22.7704, 13.6757



17.2988, 22.7704, 1.9733



9.9601, 22.7704, 40.7242

Rectangle

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



26.6587, 22.7704, 95.9186



39.3831, 22.7704, 45.9668



17.2988, 22.7704, 1.9733



10.2365, 22.7704, 11.3857

Sweetspot

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



26.6598, 22.7710, 95.9192



64.8371, 67.8435, 104.2856



44.7997, 74.2904, 54.9844



13.0833, 13.6498, 22.1951



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.



26.6598, 22.7710, 95.9192



22.8812, 16.6415, 96.6139



22.2852, 11.3315, 93.9417



17.5457, 18.4631, 22.8889



11.6089, 8.1273, 50.3915



1.2300, 0.9907, 4.9397

Inverse Universe

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



45.5481, 24.9370, 22.1514



43.7374, 22.4842, 14.3869



67.2382, 86.7314, 16.5674



18.2834, 18.0967, 20.1093



22.6478, 11.5484, 6.7958



2.2555, 1.1446, 0.9266

Previews

White Background



This preview shows how the XYZ color 26.6587, 22.7704, 95.9186 looks on a white background.

Color Contrast Check

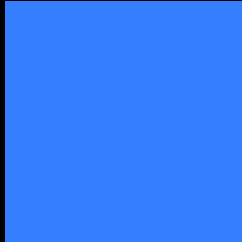
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6587, 22.7704, 95.9186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

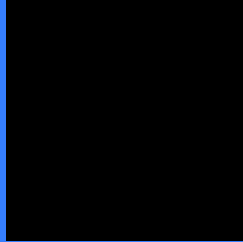
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

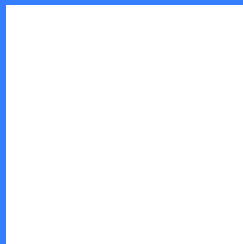
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6587, 22.7704, 95.9186

Background



This preview shows how black text looks on a background with the XYZ color 26.6587, 22.7704, 95.9186.



This preview shows how white text looks on a background with the XYZ color 26.6587, 22.7704,

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

26.6587, 22.7704, 95.9186

Protanopia

26.7118, 22.7978, 95.9211

Deuteranopia

22.9530, 22.6013, 79.4967



Tritanopia

16.0418, 22.6174, 34.5304

Trichromacy



Original Color

26.6587, 22.7704, 95.9186

Protanomaly

26.7118, 22.7978, 95.9211

Deuteranomaly

23.9794, 22.3950, 85.4969

Tritanomaly

18.7610, 22.0770, 52.5627

Monochromacy



Original Color

26.6587, 22.7704, 95.9186

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.7467, 19.1791, 39.7597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6587, 22.7704, 95.9186 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(53, 126, 253)` looks like.

```
.text, #text, p{  
    color:rgb(53, 126, 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(53, 126, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 126, 253) }
```

Border

The CSS property to change the border of an element to XYZ 26.6587, 22.7704, 95.9186 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(53, 126, 253) }
```


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

```
.border{ border-color:rgb(53, 126, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 126, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 126, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 126, 253);  
box-shadow:4px 4px 4px 4px rgb(53, 126,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6587, 22.7704, 95.9186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 126, 253) }
```

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

```
.background{ background-color: rgb(53, 126,  
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](#).

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