

Converting Colors

XYZ(25.5544, 22.4978, 96.6973)

Have a look what the booklet for
XYZ(25.5544, 22.4978, 96.6973)
contains.

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Color

**XYZ(25.6086, 22.5941,
96.7773)**

Conversions

Conversions Part 1

Format	Color
Hex	0080FE
RGB	0, 128, 254
RGB Percent	0%, 50%, 100%
CMY	0.9997, 0.4980, 0.0039
CMYK	1.00, 0.50, 0.00, 0.00
HSL	210°, 100%, 50%
HSV	210°, 100%, 100%
XYZ	25.6086, 22.5941, 96.7773
YIQ	104.0920, -116.7340, 12.0500

Conversions

Conversions Part 2

Format	Color
R _Y B	0, 85, 254
Decimal	33022
CIE Lab	54.65, 18.40, -70.48
CIE LCh	55, 72.845, 284.635
Yxy	22.5941, 0.1766, 0.1558
Android (android.graphics.Color)	4278223102 (0xFF0080FE)
YUV	104.0920, 73.9046, -91.2887
Hunter-Lab	47.5333, 12.9839, -87.4407

Details

The XYZ color **25.6086, 22.5941, 96.7773** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **48.3448, 36.0134, 4.4055**, and the grayscale version is **13.0203, 13.6984, 14.9175**.

A 20% lighter version of the original color is **41.0533, 43.3073, 100.8031**, and **12.8325, 9.7228, 53.4249** is the 20% darker color. If you saturate the color by 10%, you get **25.6035, 22.5839, 96.7762**, and if you desaturate by 10%, it is **27.7689, 26.3018, 97.3797**.

Distribution



- Red (0%)
- Green (50%)
- Blue (100%)



- Red (0%)
- Yellow (33%)
- Blue (100%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6086, 22.5941, 96.7773 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 25.6086, 22.5941, 96.7773 by changing the saturation by 10% instead.

■ 25.6086, 22.5941,
96.7773

■ 25.6086, 22.5941,
96.7773

273.1475,
265.6333, 570.9683

■ 16.6622, 14.2941,
73.0101

■ 52.0787, 47.7260,
158.7344

■ 10.0878, 8.3255,
53.4923

■ 70.3330, 65.3266,
197.7613

■ 5.5199, 4.3039,
37.8055

■ 92.4208, 86.7963,
242.7119

■ 2.5933, 1.8450,
25.5311

■ 118.7072,
112.5193, 294.0046

■ 0.9425, 0.5150,
16.2506

■ 149.5578,
142.8801, 352.0581

■ 0.0000, 0.0000,
9.5454

185.3378,

■ 0.0000, 0.0000,

178.2631, 417.2909

4.9969

226.4125,
219.0527, 490.1214

■ 0.0000, 0.0000,
2.1868

■ 0.0000, 0.0000,
0.6667

■ 25.6086, 22.5941,
96.7773

■ 25.6086, 22.5941,
96.7773

■ 25.6035, 22.5839,
96.7762

■ 27.7689, 26.3018,
97.3797

■ 30.6740, 30.7072,
98.0769

■ 34.4944, 35.9080,
98.8794

■ 39.3361, 41.9686,
99.7940

■ 45.2890, 48.9444,
100.8267

■ 52.4321, 56.8849,
101.9829

■ 60.8365, 65.8353,
103.2676

■ 70.5674, 75.8375,
104.6853

■ 81.6852, 86.9304,
106.2405

Harmonies

Analogous

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



17.6450, 22.5941, 96.4147



25.6086, 22.5941, 96.7773



34.2238, 22.5941, 71.2679

Triad

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



25.6086, 22.5941, 96.7773



34.4137, 22.5941, 4.7963



9.7792, 22.5941, 14.6618

Complementary

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



25.6086, 22.5941, 96.7773



48.3448, 36.0134, 4.4055

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.



12.3655, 22.5941, 4.6637



25.6086, 22.5941, 96.7773



25.8227, 22.5941, 1.8669

Square

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



25.6086, 22.5941, 96.7773



40.1028, 22.5941, 15.0502



17.8120, 22.5941, 1.8409



9.7491, 22.5941, 37.5215

Rectangle

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



25.6086, 22.5941, 96.7773



38.6265, 22.5941, 48.7651



17.8120, 22.5941, 1.8409



10.3430, 22.5941, 10.1242

Sweetspot

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



25.6097, 22.5947, 96.7779



61.3480, 66.3902, 104.1889



39.0062, 72.3098, 30.5773



12.3319, 13.3683, 22.1803



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.



25.6097, 22.5947, 96.7779



25.8298, 22.7797, 97.6433



17.9373, 7.2499, 94.2205



17.7593, 18.8902, 22.9601



13.6462, 12.2020, 51.0706



1.4380, 1.4066, 5.0090

Inverse Universe

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



44.7705, 22.6312, 22.4307



45.1669, 22.8308, 22.6088



74.9875, 89.2987, 13.2864



18.3911, 18.1398, 20.6769



23.6762, 11.9598, 12.2111



2.3604, 1.1865, 1.4794

Previews

White Background



This preview shows how the XYZ color 25.6086, 22.5941, 96.7773 looks on a white background.

Color Contrast Check

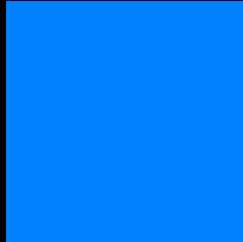
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6086, 22.5941, 96.7773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

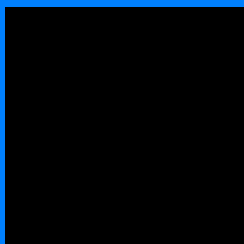
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

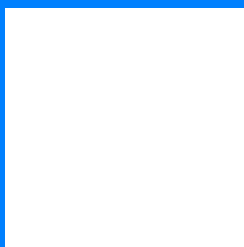
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6086, 22.5941, 96.7773

Background



This preview shows how black text looks on a background with the XYZ color 25.6086, 22.5941, 96.7773.



This preview shows how white text looks on a background with the XYZ color 25.6086, 22.5941,

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

25.6086, 22.5941, 96.7773

Protanopia

26.5043, 22.7275, 94.2567

Deuteranopia

22.8113, 22.5446, 78.7506

Trichromacy



Original Color

25.6086, 22.5941, 96.7773

Protanomaly

25.8876, 22.5821, 95.0898

Deuteranomaly

23.6963, 22.4646, 84.7485

Monochromacy



Original Color

25.6086, 22.5941, 96.7773

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.4099, 15.4717, 35.0277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6086, 22.5941, 96.7773 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(0, 128, 254)` looks like.

```
.text, #text, p{  
    color:rgb(0, 128, 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(0, 128, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 128, 254) }
```

Border

The CSS property to change the border of an element to XYZ 25.6086, 22.5941, 96.7773 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(0, 128, 254) }
```

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

```
.border{ border-color:rgb(0, 128, 254) }
```

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

Here you see how a box with a 4 pixel rgb(0, 128, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 128, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 128, 254);  
box-shadow:4px 4px 4px 4px rgb(0, 128,  
254) }
```


Background

The CSS property to change the background color of an element to XYZ 25.6086, 22.5941, 96.7773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 128, 254) }
```

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

```
.background{ background-color: rgb(0, 128,  
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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