

Converting Colors

XYZ(25.0409, 20.9603, 97.3337)

Have a look what the booklet for
XYZ(25.0409, 20.9603, 97.3337)
contains.

XYZ(25.0534, 20.9803, 97.3369)	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(25.0534, 20.9803,
97.3369)**

Conversions

Conversions Part 1

Format	Color
Hex	0D79FF
RGB	13, 121, 255
RGB Percent	5%, 47%, 100%
CMY	0.9487, 0.5255, 0.0000
CMYK	0.95, 0.53, 0.00, 0.00
HSL	213°, 100%, 53%
HSV	213°, 95%, 100%
XYZ	25.0534, 20.9803, 97.3369
YIQ	103.9840, -107.3820, 18.7780

Conversions

Conversions Part 2

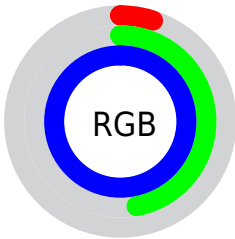
Format	Color
R_{YB}	13, 88, 255
Decimal	883199
CIE _{Lab}	52.93, 23.48, -73.82
CIE _{LCh}	53, 77.469, 287.646
Yxy	20.9803, 0.1747, 0.1463
Android (android.graphics.Color)	4279073279 (0xFF0D79FF)
YUV	103.9840, 74.4509, -79.7930
Hunter-Lab	45.8043, 17.4761, -93.9320

Details

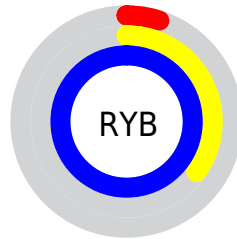
The XYZ color **25.0534, 20.9803, 97.3369** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **51.7576, 42.1783, 5.7964**, and the grayscale version is **12.9875, 13.6639, 14.8800**.

A 20% lighter version of the original color is **40.0638, 40.7520, 100.3621**, and **12.5268, 8.9288, 53.8865** is the 20% darker color. If you saturate the color by 10%, you get **24.0404, 19.2008, 97.0468**, and if you desaturate by 10%, it is **27.5517, 25.0055, 97.9821**.

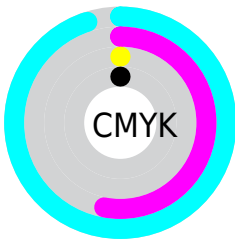
Distribution



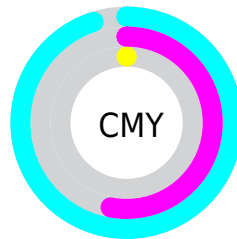
- Red (5%)
- Green (47%)
- Blue (100%)



- Red (5%)
- Yellow (35%)
- Blue (100%)



- Cyan (95%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (95%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0534, 20.9803, 97.3369 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 25.0534, 20.9803, 97.3369 by changing the saturation by 10% instead.

■ 25.0534, 20.9803,
97.3369

■ 25.0534, 20.9803,
97.3369

270.4465,
257.1738, 572.7939

■ 16.2458, 13.1096,
73.4739

■ 51.1861, 45.0547,
159.5124

■ 9.7902, 7.5041,
53.8694

■ 69.2419, 62.0273,
198.6621

■ 5.3213, 3.7793,
38.1048

■ 91.1112, 82.8026,
243.7443

■ 2.4737, 1.5509,
25.7616

■ 117.1592,
107.7650, 295.1777

■ 0.8820, 0.3241,
16.4212

■ 147.7514,
137.2989, 353.3809

■ 0.0000, 0.0000,
9.6651

183.2531,

■ 0.0000, 0.0000,

171.7887, 418.7722

5.0748

224.0297,
211.6189, 491.7704

■ 0.0000, 0.0000,
2.2317

■ 0.0000, 0.0000,
0.6926

■ 25.0534, 20.9803,
97.3369

■ 25.0534, 20.9803,
97.3369

■ 24.0404, 19.2008,
97.0468

■ 27.5517, 25.0055,
97.9821

■ 30.9555, 29.8856,
98.7447

■ 35.3879, 35.6986,
99.6331

■ 40.9495, 42.5099,
100.6547

■ 47.7275, 50.3773,
101.8160

■ 55.7999, 59.3535,
103.1231

■ 65.2376, 69.4870,
104.5817

■ 76.1061, 80.8228,
106.1969

■ 88.4664, 93.4036,
107.9738

Harmonies

Analogous

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



16.7866, 20.9803, 100.1702



25.0534, 20.9803, 97.3369



33.8326, 20.9803, 68.0934

Triad

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



25.0534, 20.9803, 97.3369



32.4043, 20.9803, 3.1801



8.2552, 20.9803, 14.5572

Complementary

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



25.0534, 20.9803, 97.3369



51.7576, 42.1783, 5.7964

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.



10.4922, 20.9803, 4.0297



25.0534, 20.9803, 97.3369



23.4681, 20.9803, 1.0947

Square

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



25.0534, 20.9803, 97.3369



38.8055, 20.9803, 11.8013



15.5764, 20.9803, 1.2417



8.4640, 20.9803, 39.2388

Rectangle

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



25.0534, 20.9803, 97.3369



38.1264, 20.9803, 44.3948



15.5764, 20.9803, 1.2417



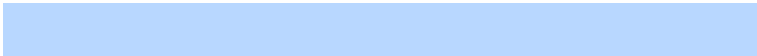
8.7139, 20.9803, 9.7177

Sweetspot

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



25.0543, 20.9808, 97.3369



62.1374, 66.1930, 104.1093



41.1255, 73.6855, 39.3028



12.4321, 13.2353, 22.1494



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.



25.0543, 20.9808, 97.3369



24.0404, 19.2008, 97.0468



18.5998, 7.7184, 95.1172



17.6701, 18.7118, 22.9304



12.7053, 10.3202, 50.7569



1.3441, 1.2189, 4.9777

Inverse Universe

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



44.8360, 22.9301, 20.1519



44.2637, 22.4695, 17.8524



72.7619, 90.5868, 14.0331



18.3461, 18.1218, 20.4399



23.2013, 11.7698, 9.7102



2.3130, 1.1676, 1.2299

Previews

White Background



This preview shows how the XYZ color 25.0534, 20.9803, 97.3369 looks on a white background.

Color Contrast Check

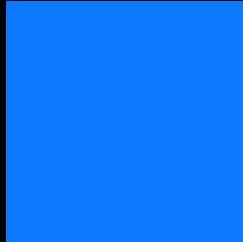
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0534, 20.9803, 97.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

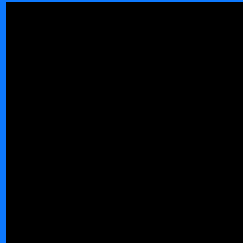
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

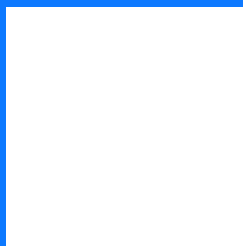
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0534, 20.9803, 97.3369

Background



This preview shows how black text looks on a background with the XYZ color 25.0534, 20.9803, 97.3369.



This preview shows how white text looks on a background with the XYZ color 25.0534, 20.9803,

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

25.0534, 20.9803, 97.3369

Protanopia

25.2641, 21.0889, 97.3468

Deuteranopia

20.9040, 20.7123, 72.0034



Tritanopia

14.5779, 20.6034, 31.2255

Trichromacy



Original Color

25.0534, 20.9803, 97.3369

Protanomaly

25.1759, 21.0435, 97.3426

Deuteranomaly

22.2475, 20.6400, 80.6533

Tritanomaly

17.2835, 20.1226, 49.9868

Monochromacy



Original Color

25.0534, 20.9803, 97.3369

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.4325, 14.9947, 34.9345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0534, 20.9803, 97.3369 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(13, 121, 255)` looks like.

```
.text, #text, p{  
    color:rgb(13, 121, 255)  
}
```

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(13, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 121, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.0534, 20.9803, 97.3369 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(13, 121, 255) }
```


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

```
.border{ border-color:rgb(13, 121, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 121, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 121, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 121, 255);  
box-shadow:4px 4px 4px 4px rgb(13, 121,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0534, 20.9803, 97.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 121, 255) }
```

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

```
.background{ background-color: rgb(13, 121,  
255) }
```

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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