

Converting Colors

XYZ(25.1674, 20.8596, 97.3076)

Have a look what the booklet for
XYZ(25.1674, 20.8596, 97.3076)
contains.

XYZ(25.1674, 20.8596, 97.3076)	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(25.1674, 20.8596,
97.3076)**

Conversions

Conversions Part 1

Format	Color
Hex	1978FF
RGB	25, 120, 255
RGB Percent	10%, 47%, 100%
CMY	0.9018, 0.5294, 0.0000
CMYK	0.90, 0.53, 0.00, 0.00
HSL	215°, 100%, 55%
HSV	215°, 90%, 100%
XYZ	25.1674, 20.8596, 97.3076
YIQ	106.9850, -99.9550, 21.8450

Conversions

Conversions Part 2

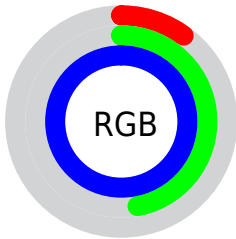
Format	Color
RYP	25, 92, 255
Decimal	1669375
CIELab	52.80, 24.54, -74.03
CIElCh	53, 77.994, 288.339
Yxy	20.8596, 0.1756, 0.1455
Android (android.graphics.Color)	4279859455 (0xFF1978FF)
YUV	106.9850, 72.9714, -71.9008
Hunter-Lab	45.6723, 18.4346, -94.3503

Details

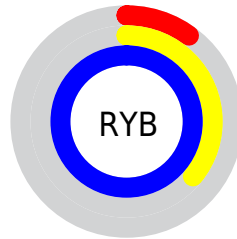
The XYZ color **25.1674, 20.8596, 97.3076** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **53.9937, 46.4860, 7.0489**, and the grayscale version is **13.7988, 14.5174, 15.8094**.

A 20% lighter version of the original color is **40.0841, 40.1974, 100.2540**, and **12.4606, 8.7963, 53.8644** is the 20% darker color. If you saturate the color by 10%, you get **23.1322, 17.3843, 96.7441**, and if you desaturate by 10%, it is **28.0520, 25.2315, 97.9994**.

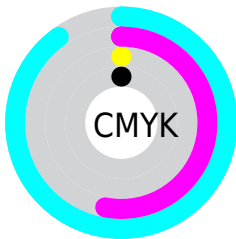
Distribution



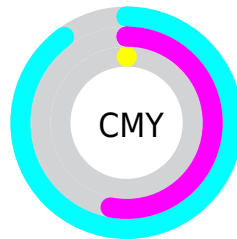
- Red (10%)
- Green (47%)
- Blue (100%)



- Red (10%)
- Yellow (36%)
- Blue (100%)



- Cyan (90%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1674, 20.8596, 97.3076 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 25.1674, 20.8596, 97.3076 by changing the saturation by 10% instead.

■ 25.1674, 20.8596,
97.3076

■ 25.1674, 20.8596,
97.3076

271.0029,
256.5314, 572.6984

■ 16.3312, 13.0214,
73.4496

■ 51.3696, 44.8538,
159.4717

■ 9.8512, 7.4433,
53.8496

■ 69.4663, 61.7785,
198.6149

■ 5.3619, 3.7408,
38.0891

■ 91.3806, 82.5009,
243.6903

■ 2.4980, 1.5297,
25.7495

■ 117.4778,
107.4053, 295.1164

■ 0.8943, 0.3095,
16.4122

■ 148.1233,
136.8762, 353.3117

■ 0.0000, 0.0000,
9.6588

183.6824,

■ 0.0000, 0.0000,

171.2979, 418.6947

5.0707

224.5205,
211.0549, 491.6841

■ 0.0000, 0.0000,
2.2293

■ 0.0000, 0.0000,
0.6912

■ 25.1674, 20.8596,
97.3076

■ 25.1674, 20.8596,
97.3076

■ 23.1322, 17.3843,
96.7441

■ 28.0520, 25.2315,
97.9994

■ 31.9304, 30.5517,
98.8219

■ 36.9164, 36.8958,
99.7836

■ 43.1054, 44.3292,
100.8922

■ 50.5818, 52.9107,
102.1546

■ 59.4215, 62.6941,
103.5771

■ 69.6945, 73.7295,
105.1657

■ 81.4654, 86.0636,
106.9260

■ 94.7950, 99.7408,
108.8634

Harmonies

Analogous

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



16.8296, 20.8596, 100.9149



25.1674, 20.8596, 97.3076



33.9612, 20.8596, 67.4083

Triad

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



25.1674, 20.8596, 97.3076



32.1495, 20.8596, 2.9907



8.1128, 20.8596, 14.8072

Complementary

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



25.1674, 20.8596, 97.3076



53.9937, 46.4860, 7.0489

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.



10.2849, 20.8596, 4.0513



25.1674, 20.8596, 97.3076



23.1594, 20.8596, 1.0249

Square

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



25.1674, 20.8596, 97.3076



38.6920, 20.8596, 11.3308



15.3002, 20.8596, 1.2059



8.3756, 20.8596, 39.9277

Rectangle

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



25.1674, 20.8596, 97.3076



38.2097, 20.8596, 43.5886



15.3002, 20.8596, 1.2059



8.5514, 20.8596, 9.8641

Sweetspot

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



25.1683, 20.8601, 97.3076



62.5300, 66.0656, 104.0640



42.4358, 74.2368, 44.9769



12.6709, 13.3671, 22.1622



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.



25.1683, 20.8601, 97.3076



23.1322, 17.3843, 96.7441



19.4460, 8.4570, 95.2152



17.6191, 18.6098, 22.9134



12.2257, 9.3609, 50.5971



1.2949, 1.1206, 4.9613

Inverse Universe

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



44.9786, 23.3130, 19.8985



43.8052, 22.2861, 15.4384



70.4738, 89.3953, 14.4626



18.3204, 18.1115, 20.3043



22.9592, 11.6730, 8.4353



2.2882, 1.1577, 1.0993

Previews

White Background



This preview shows how the XYZ color 25.1674, 20.8596, 97.3076 looks on a white background.

Color Contrast Check

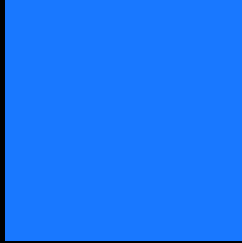
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1674, 20.8596, 97.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

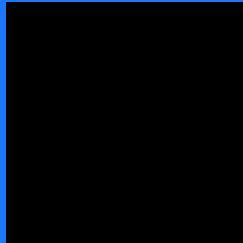
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

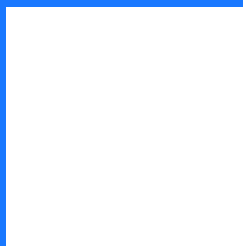
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1674, 20.8596, 97.3076

Background



This preview shows how black text looks on a background with the XYZ color 25.1674, 20.8596, 97.3076.



This preview shows how white text looks on a background with the XYZ color 25.1674, 20.8596,

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

25.1674, 20.8596, 97.3076

Protanopia

25.0159, 20.7815, 97.3005

Deuteranopia

20.7703, 20.6588, 71.2994



Tritanopia

14.5779, 20.6034, 31.2255

Trichromacy



Original Color

25.1674, 20.8596, 97.3076

Protanomaly

25.0757, 20.8124, 97.3033

Deuteranomaly

22.1543, 20.6085, 79.9010

Tritanomaly

17.3336, 20.1485, 49.9892

Monochromacy



Original Color

25.1674, 20.8596, 97.3076

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.2878, 15.7393, 35.9505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1674, 20.8596, 97.3076 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(25, 120, 255)` looks like.

```
.text, #text, p{  
    color:rgb(25, 120, 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(25, 120, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 120, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.1674, 20.8596, 97.3076 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(25, 120, 255) }
```


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

```
.border{ border-color:rgb(25, 120, 255) }
```

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

Here you see how a box with a 4 pixel rgb(25, 120, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 120, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 120, 255);  
box-shadow:4px 4px 4px 4px rgb(25, 120,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1674, 20.8596, 97.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 120, 255) }
```

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

```
.background{ background-color: rgb(25, 120,  
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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