

Converting Colors

XYZ(26.1668, 20.3425, 97.0675)

Have a look what the booklet for
XYZ(26.1668, 20.3425, 97.0675)
contains.

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Color

**XYZ(26.1817, 20.3446,
97.1547)**

Conversions

Conversions Part 1

Format	Color
Hex	4072FF
RGB	64, 114, 255
RGB Percent	25%, 45%, 100%
CMY	0.7490, 0.5529, 0.0000
CMYK	0.75, 0.55, 0.00, 0.00
HSL	224°, 100%, 63%
HSV	224°, 75%, 100%
XYZ	26.1817, 20.3446, 97.1547
YIQ	115.1240, -75.0610, 33.2510

Conversions

Conversions Part 2

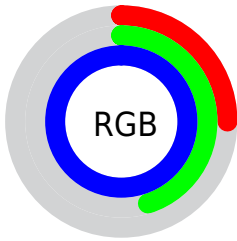
Format	Color
R _Y B	64, 104, 255
Decimal	4223743
CIE Lab	52.22, 31.26, -74.92
CIE LCh	52, 81.175, 292.648
Yxy	20.3446, 0.1822, 0.1416
Android (android.graphics.Color)	4282413823 (0xFF4072FF)
YUV	115.1240, 68.9589, -44.8357
Hunter-Lab	45.1050, 24.6786, -96.1353

Details

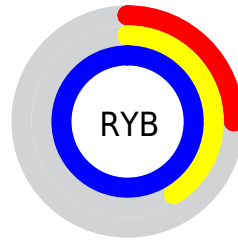
The XYZ color **26.1817, 20.3446, 97.1547** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **64.0009, 65.3004, 14.0838**, and the grayscale version is **16.1487, 16.9897, 18.5018**.

A 20% lighter version of the original color is **41.6585, 39.3645, 100.0102**, and **12.0852, 8.0455, 53.7393** is the 20% darker color. If you saturate the color by 10%, you get **22.9763, 15.8577, 96.4576**, and if you desaturate by 10%, it is **30.5832, 26.0969, 98.0330**.

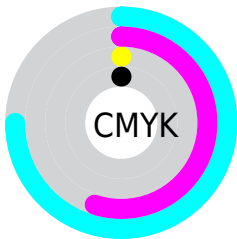
Distribution



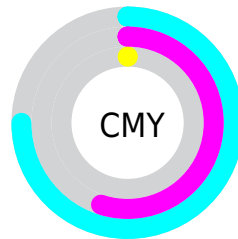
- Red (25%)
- Green (45%)
- Blue (100%)



- Red (25%)
- Yellow (41%)
- Blue (100%)



- Cyan (75%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1817, 20.3446, 97.1547 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 26.1817, 20.3446, 97.1547 by changing the saturation by 10% instead.

■ 26.1817, 20.3446,
97.1547

■ 26.1817, 20.3446,
97.1547

275.9133,
253.7746, 572.1999

■ 17.0930, 12.6458,
73.3229

■ 52.9971, 43.9942,
159.2592

■ 10.3965, 7.1851,
53.7466

■ 71.4546, 60.7137,
198.3689

■ 5.7269, 3.5781,
38.0073

■ 93.7657, 81.2090,
243.4083

■ 2.7188, 1.4405,
25.6865

■ 120.2958,
105.8643, 294.7959

■ 1.0069, 0.2463,
16.3656

151.4103,
135.0642, 352.9504

■ 0.0000, 0.0000,
9.6261

187.4744,

■ 0.0000, 0.0000,

169.1929, 418.2902

5.0494

228.8536,
208.6349, 491.2338

■ 0.0000, 0.0000,
2.2170

■ 0.0000, 0.0000,
0.6842

■ 26.1817, 20.3446,
97.1547

■ 26.1817, 20.3446,
97.1547

■ 22.9763, 15.8577,
96.4576

■ 30.5832, 26.0969,
98.0330

■ 20.8247, 12.5226,
95.9273

■ 36.2941, 33.2096,
99.1049

■ 20.0416, 11.2033,
95.7139

■ 43.4168, 41.7694,
100.3817

■ 52.0422, 51.8549,
101.8738

■ 62.2534, 63.5387,
103.5908

■ 74.1271, 76.8885,
105.5418

■ 87.7348, 91.9681,
107.7352

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



17.3593, 20.3446, 105.8678



26.1817, 20.3446, 97.1547



35.0637, 20.3446, 63.2520

Triad

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



26.1817, 20.3446, 97.1547



30.7704, 20.3446, 2.0378



7.4065, 20.3446, 16.7860

Complementary

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



26.1817, 20.3446, 97.1547



64.0009, 65.3004, 14.0838

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.



9.1965, 20.3446, 4.3514



26.1817, 20.3446, 97.1547



21.4594, 20.3446, 0.6666

Square

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



26.1817, 20.3446, 97.1547



38.2000, 20.3446, 8.7695



13.8030, 20.3446, 1.0606



8.0036, 20.3446, 44.9195

Rectangle

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



26.1817, 20.3446, 97.1547



39.0022, 20.3446, 38.8379



13.8030, 20.3446, 1.0606



7.7259, 20.3446, 11.0960

Sweetspot

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



26.1826, 20.3451, 97.1548



65.5177, 67.2305, 104.1314



48.7829, 76.9735, 69.4575



13.3683, 13.6493, 22.1799



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.



26.1826, 20.3451, 97.1548



21.7565, 14.0194, 96.1671



26.1392, 14.1131, 95.9541



17.3895, 18.1506, 22.8368



10.5744, 6.0584, 50.0466



1.1139, 0.7585, 4.9010

Inverse Universe

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



46.1115, 26.1434, 18.5354



43.2606, 22.6417, 10.8026



63.3888, 85.6562, 18.0451



18.2045, 18.0651, 19.6941



22.1257, 11.3396, 4.0463



2.1969, 1.1211, 0.6181

Previews

White Background



This preview shows how the XYZ color 26.1817, 20.3446, 97.1547 looks on a white background.

Color Contrast Check

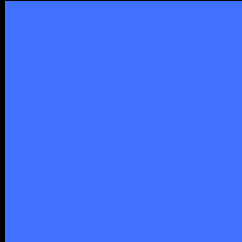
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1817, 20.3446, 97.1547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

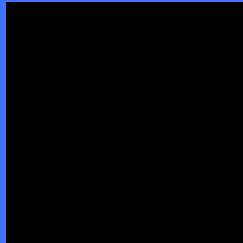
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1817, 20.3446, 97.1547

Background



This preview shows how black text looks on a background with the XYZ color 26.1817, 20.3446, 97.1547.



This preview shows how white text looks on a background with the XYZ color 26.1817, 20.3446,

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

26.1817, 20.3446, 97.1547

Protanopia

24.3264, 20.2855, 95.5619

Deuteranopia

20.3756, 20.2932, 69.8609



Tritanopia

14.2121, 19.9979, 30.7147

Trichromacy



Original Color

26.1817, 20.3446, 97.1547

Protanomaly

24.6040, 20.0605, 96.3412

Deuteranomaly

21.8784, 19.9274, 79.0372

Tritanomaly

17.0665, 19.4278, 49.3048

Monochromacy



Original Color

26.1817, 20.3446, 97.1547

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.8375, 17.5014, 38.5144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1817, 20.3446, 97.1547 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(64, 114, 255)` looks like.

```
.text, #text, p{  
    color:rgb(64, 114, 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(64, 114, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 114, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.1817, 20.3446, 97.1547 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(64, 114, 255) }
```


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

```
.border{ border-color:rgb(64, 114, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 114, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 114, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 114, 255);  
box-shadow:4px 4px 4px 4px rgb(64, 114,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1817, 20.3446, 97.1547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 114, 255) }
```

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

```
.background{ background-color: rgb(64, 114,  
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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