

Converting Colors

XYZ(22.1512, 14.7997, 96.2969)

Have a look what the booklet for
XYZ(22.1512, 14.7997, 96.2969)
contains.

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Color

**XYZ(22.1322, 14.7519,
96.2887)**

Conversions

Conversions Part 1

Format	Color
Hex	1A5AFF
RGB	26, 90, 255
RGB Percent	10%, 35%, 100%
CMY	0.8979, 0.6471, 0.0000
CMYK	0.90, 0.65, 0.00, 0.00
HSL	223°, 100%, 55%
HSV	223°, 90%, 100%
XYZ	22.1322, 14.7519, 96.2887
YIQ	89.6740, -91.1090, 37.7470

Conversions

Conversions Part 2

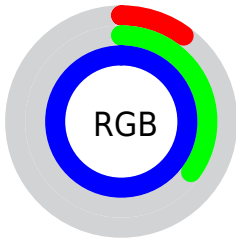
Format	Color
R _Y B	26, 76, 255
Decimal	1727231
CIE Lab	45.29, 43.42, -86.29
CIE LCh	45, 96.601, 296.708
Yxy	14.7519, 0.1662, 0.1108
Android (android.graphics.Color)	4279917311 (0xFF1A5AFF)
YUV	89.6740, 81.5057, -55.8421
Hunter-Lab	38.4082, 35.6438, -121.7533

Details

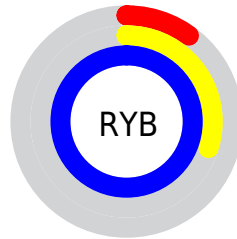
The XYZ color **22.1322, 14.7519, 96.2887** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **60.0668, 58.6145, 9.1275**, and the grayscale version is **9.4867, 9.9807, 10.8690**.

A 20% lighter version of the original color is **35.1738, 29.9692, 98.5385**, and **11.0164, 5.9080, 53.3830** is the 20% darker color. If you saturate the color by 10%, you get **20.3497, 11.8094, 95.8146**, and if you desaturate by 10%, it is **24.8448, 18.7423, 96.9159**.

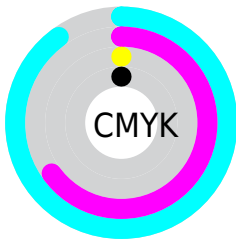
Distribution



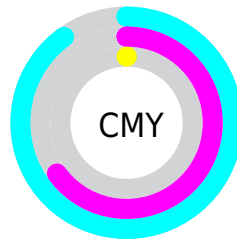
- Red (10%)
- Green (35%)
- Blue (100%)



- Red (10%)
- Yellow (30%)
- Blue (100%)



- Cyan (90%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1322, 14.7519, 96.2887 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 22.1322, 14.7519, 96.2887 by changing the saturation by 10% instead.

■ 22.1322, 14.7519,
96.2887

■ 22.1322, 14.7519,
96.2887

255.8553,
221.8596, 569.3718

■ 14.0712, 8.6454,
72.6052

■ 46.4416, 34.4173,
158.0547

■ 8.2522, 4.5107,
53.1634

■ 63.4208, 48.7451,
196.9742

■ 4.3099, 1.9631,
37.5446

■ 84.1034, 66.5822,
241.8096

■ 1.8789, 0.5859,
25.3303

■ 108.8547, 88.3128,
292.9792

■ 0.5645, 0.0000,
16.1021

■ 138.0403,
114.3215, 350.9017

■ 0.0000, 0.0000,
9.4413

172.0253,

■ 0.0000, 0.0000,

144.9926, 415.9956

4.9294

211.1752,
180.7105, 488.6795

■ 0.0000, 0.0000,
2.1479

■ 0.0000, 0.0000,
0.6441

■ 22.1322, 14.7519,
96.2887

■ 22.1322, 14.7519,
96.2887

■ 20.3497, 11.8094,
95.8146

■ 24.8448, 18.7423,
96.9159

■ 20.3180, 11.7561,
95.8060

■ 28.6711, 23.9141,
97.7125

■ 33.7359, 30.3665,
98.6910

■ 40.1451, 38.1864,
99.8626

■ 47.9927, 47.4525,
101.2375

■ 57.3638, 58.2369,
102.8252

■ 68.3365, 70.6068,
104.6345

■ 80.9836, 84.6250,
106.6737

■ 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.



13.1565, 14.7519, 112.3790



22.1322, 14.7519, 96.2887



31.2072, 14.7519, 54.4013

Triad

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



22.1322, 14.7519, 96.2887



24.2714, 14.7519, 0.0000



3.5894, 14.7519, 13.6635

Complementary

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



22.1322, 14.7519, 96.2887



60.0668, 58.6145, 9.1275

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.



4.6940, 14.7519, 1.9867



22.1322, 14.7519, 96.2887



14.9231, 14.7519, 0.0000

Square

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



22.1322, 14.7519, 96.2887



32.7371, 14.7519, 3.2847



8.1823, 14.7519, 0.0000



4.2809, 14.7519, 45.1074

Rectangle

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



22.1322, 14.7519, 96.2887



34.9480, 14.7519, 28.4669



8.1823, 14.7519, 0.0000



3.7475, 14.7519, 7.9144

Sweetspot

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



22.1330, 14.7521, 96.2886



60.2592, 61.5239, 103.3070



45.4953, 75.4634, 60.9566



12.1427, 12.3108, 21.9862



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.



22.1330, 14.7521, 96.2886



20.3180, 11.7561, 95.8060



21.3729, 9.4827, 95.3116



17.4160, 18.2037, 22.8457



10.7240, 6.3577, 50.0965



1.1315, 0.7937, 4.9068

Inverse Universe

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



43.4557, 22.7387, 11.7711



42.3848, 21.7179, 7.9585



61.2320, 84.6297, 14.0875



18.2179, 18.0705, 19.7646



22.2012, 11.3698, 4.4440



2.2057, 1.1247, 0.6649

Previews

White Background



This preview shows how the XYZ color 22.1322, 14.7519, 96.2887 looks on a white background.

Color Contrast Check

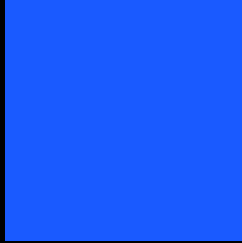
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 22.1322, 14.7519, 96.2887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

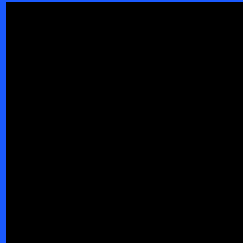
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

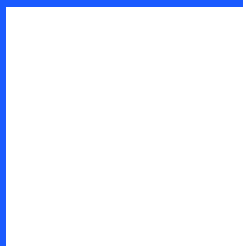
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.1322, 14.7519, 96.2887

Background



This preview shows how black text looks on a background with the XYZ color 22.1322, 14.7519, 96.2887.



This preview shows how white text looks on a background with the XYZ color 22.1322, 14.7519,

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

22.1322, 14.7519, 96.2887

Protanopia

17.1460, 14.4606, 66.8532

Deuteranopia

14.2256, 14.4401, 47.9364



Tritanopia

10.1801, 14.4375, 21.6522

Trichromacy



Original Color

22.1322, 14.7519, 96.2887

Protanomaly

18.7633, 14.5066, 76.6740

Deuteranomaly

16.4969, 14.2140, 62.8469

Tritanomaly

12.9216, 13.7618, 41.0050

Monochromacy



Original Color

22.1322, 14.7519, 96.2887

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

11.4759, 10.7076, 30.3161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1322, 14.7519, 96.2887 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(26, 90, 255)` looks like.

```
.text, #text, p{  
    color:rgb(26, 90, 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(26, 90, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 90, 255) }
```

Border

The CSS property to change the border of an element to XYZ 22.1322, 14.7519, 96.2887 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(26, 90, 255) }
```


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

```
.border{ border-color:rgb(26, 90, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 90, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 90, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 90, 255);  
box-shadow:4px 4px 4px 4px rgb(26, 90,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1322, 14.7519, 96.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 90, 255) }
```

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

```
.background{ background-color: rgb(26, 90,  
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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