

Converting Colors

XYZ(20.2604, 10.9265, 95.6489)

Have a look what the booklet for
XYZ(20.2604, 10.9265, 95.6489)
contains.

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Color

**XYZ(20.2515, 10.9121,
95.6466)**

Conversions

Conversions Part 1

Format	Color
Hex	1C3EFF
RGB	28, 62, 255
RGB Percent	11%, 24%, 100%
CMY	0.8901, 0.7569, 0.0000
CMYK	0.89, 0.76, 0.00, 0.00
HSL	231°, 100%, 55%
HSV	231°, 89%, 100%
XYZ	20.2515, 10.9121, 95.6466
YIQ	73.8360, -82.2170, 52.8150

Conversions

Conversions Part 2

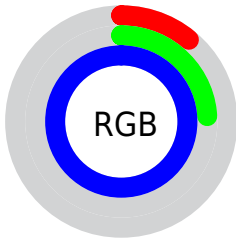
Format	Color
R _Y B	28, 58, 255
Decimal	1851135
CIE Lab	39.43, 59.71, -95.97
CIE LCh	39, 113.027, 301.887
Yxy	10.9121, 0.1597, 0.0861
Android (android.graphics.Color)	4280041215 (0xFF1C3EFF)
YUV	73.8360, 89.3139, -40.1982
Hunter-Lab	33.0335, 51.6227, -148.5475

Details

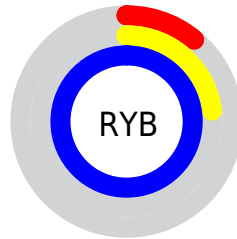
The XYZ color **20.2515, 10.9121, 95.6466** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **67.3167, 73.0774, 11.6582**, and the grayscale version is **6.3394, 6.6696, 7.2632**.

A 20% lighter version of the original color is **32.0125, 23.0193, 97.3637**, and **10.2489, 4.3729, 53.1272** is the 20% darker color. If you saturate the color by 10%, you get **18.8511, 8.7750, 95.3079**, and if you desaturate by 10%, it is **22.6920, 14.2826, 96.1686**.

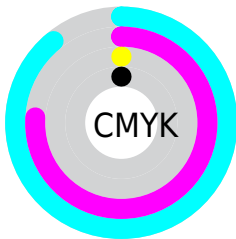
Distribution



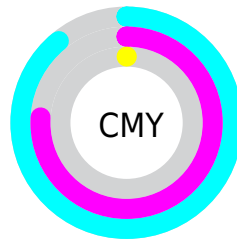
- Red (11%)
- Green (24%)
- Blue (100%)



- Red (11%)
- Yellow (23%)
- Blue (100%)



- Cyan (89%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (76%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2515, 10.9121, 95.6466 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 20.2515, 10.9121, 95.6466 by changing the saturation by 10% instead.

■ 20.2515, 10.9121,
95.6466

■ 20.2515, 10.9121,
95.6466

246.0811,
197.0635, 567.2701

■ 12.6873, 6.0078,
72.0734

■ 43.3392, 27.4975,
157.1609

■ 7.2891, 2.8498,
52.7314

■ 59.5934, 39.9474,
195.9390

■ 3.6915, 1.0538,
37.2022

■ 79.4750, 55.6812,
240.6225

■ 1.5291, 0.0000,
25.0670

■ 103.3493, 75.0834,
291.6300

■ 0.3455, 0.0000,
15.9075

■ 131.5817, 98.5383,
349.3800

■ 0.0000, 0.0000,
9.3051

■ 164.5376,

■ 0.0000, 0.0000,

126.4304, 414.2909

4.8412

202.5823,
159.1440, 486.7814

■ 0.0000, 0.0000,
2.0973

■ 0.0000, 0.0000,
0.6142

■ 20.2515, 10.9121,
95.6466

■ 20.2515, 10.9121,
95.6466

■ 18.8511, 8.7750,
95.3079

■ 22.6920, 14.2826,
96.1686

■ 18.7481, 8.6162,
95.2827

■ 26.3662, 19.0614,
96.8973

■ 31.4169, 25.3866,
97.8520

■ 37.9666, 33.3793,
99.0495

■ 46.1237, 43.1480,
100.5052

■ 55.9863, 54.7922,
102.2329

■ 67.6450, 68.4038,
104.2457

■ 81.1834, 84.0685,
106.5557

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.



10.8638, 10.9121, 123.4317



20.2515, 10.9121, 95.6466



29.5241, 10.9121, 44.8710

Triad

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



20.2515, 10.9121, 95.6466



18.9684, 10.9121, 0.0000



1.5198, 10.9121, 13.3239

Complementary

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



20.2515, 10.9121, 95.6466



67.3167, 73.0774, 11.6582

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.



2.0527, 10.9121, 1.0310



20.2515, 10.9121, 95.6466



9.8946, 10.9121, 0.0000

Square

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



20.2515, 10.9121, 95.6466



28.5615, 10.9121, 0.5789



4.3775, 10.9121, 0.0000



2.2217, 10.9121, 50.9564

Rectangle

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



20.2515, 10.9121, 95.6466



32.8327, 10.9121, 18.8789



4.3775, 10.9121, 0.0000



1.5588, 10.9121, 6.8699

Sweetspot

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



20.2522, 10.9122, 95.6466



58.1782, 57.3620, 102.6134



49.2850, 76.9854, 80.6374



11.6632, 11.3517, 21.8263



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.



20.2522, 10.9122, 95.6466



18.7481, 8.6162, 95.2827



24.5865, 11.2073, 95.4751



17.2223, 17.8163, 22.7811



9.8616, 4.6327, 49.8090



1.0219, 0.5744, 4.8703

Inverse Universe

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



42.5255, 22.4399, 6.6468



41.5924, 21.4010, 3.7856



53.7757, 80.7832, 13.8592



18.1201, 18.0314, 19.2497



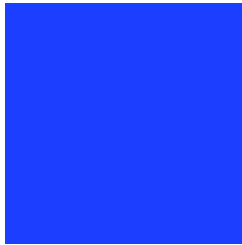
21.7659, 11.1956, 2.1515



2.1504, 1.1025, 0.3734

Previews

White Background



This preview shows how the XYZ color 20.2515, 10.9121, 95.6466 looks on a white background.

Color Contrast Check

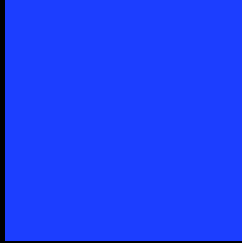
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.2515, 10.9121, 95.6466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

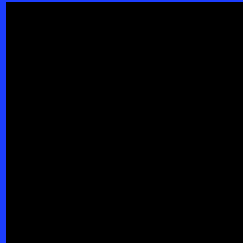
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.2515, 10.9121, 95.6466

Background



This preview shows how black text looks on a background with the XYZ color 20.2515, 10.9121, 95.6466.



This preview shows how white text looks on a background with the XYZ color 20.2515, 10.9121,

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

20.2515, 10.9121, 95.6466

Protanopia

12.3526, 10.5246, 47.8348

Deuteranopia

10.2638, 10.6530, 33.8630



Tritanopia

7.4052, 10.5643, 15.5587

Trichromacy



Original Color

20.2515, 10.9121, 95.6466

Protanomaly

14.6790, 10.3596, 62.8540

Deuteranomaly

12.8441, 10.1013, 51.7249

Tritanomaly

9.9664, 9.4541, 35.0178

Monochromacy



Original Color

20.2515, 10.9121, 95.6466

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

8.6111, 7.1436, 25.7359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2515, 10.9121, 95.6466 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(28, 62, 255)` looks like.

```
.text, #text, p{  
    color:rgb(28, 62, 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(28, 62, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 62, 255) }
```

Border

The CSS property to change the border of an element to XYZ 20.2515, 10.9121, 95.6466 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(28, 62, 255) }
```


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

```
.border{ border-color:rgb(28, 62, 255) }
```

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

Here you see how a box with a 4 pixel rgb(28, 62, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 62, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 62, 255);  
box-shadow:4px 4px 4px 4px rgb(28, 62,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2515, 10.9121, 95.6466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 62, 255) }
```

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

```
.background{ background-color: rgb(28, 62,  
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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