

Converting Colors

XYZ(25.0890, 21.0905, 93.1910)

Have a look what the booklet for
XYZ(25.0890, 21.0905, 93.1910)
contains.

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Color

**XYZ(25.0890, 21.0905,
93.1910)**

Conversions

Conversions Part 1

Format	Color
Hex	2B79FA
RGB	43, 121, 250
RGB Percent	17%, 47%, 98%
CMY	0.8313, 0.5255, 0.0196
CMYK	0.83, 0.52, 0.00, 0.02
HSL	217°, 95%, 57%
HSV	217°, 83%, 98%
XYZ	25.0890, 21.0905, 93.1910
YIQ	112.3840, -87.8970, 23.5830

Conversions

Conversions Part 2

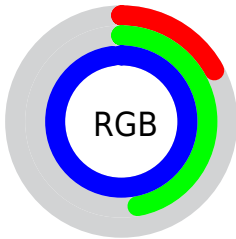
Format	Color
R _Y B	43, 100, 250
Decimal	2849274
CIE Lab	53.05, 23.12, -70.84
CIE LCh	53, 74.517, 288.072
Yxy	21.0905, 0.1800, 0.1513
Android (android.graphics.Color)	4281039354 (0xFF2B79FA)
YUV	112.3840, 67.8447, -60.8498
Hunter-Lab	45.9244, 17.1488, -88.1658

Details

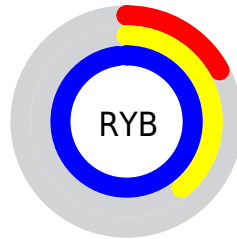
The XYZ color **25.0890, 21.0905, 93.1910** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **54.6179, 50.0125, 9.0624**, and the grayscale version is **15.3414, 16.1404, 17.5769**.

A 20% lighter version of the original color is **41.1619, 41.3181, 100.4135**, and **11.9632, 8.7033, 50.9186** is the 20% darker color. If you saturate the color by 10%, you get **22.5996, 17.2197, 92.5756**, and if you desaturate by 10%, it is **28.5272, 25.9045, 93.9395**.

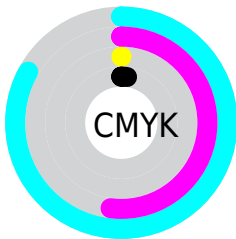
Distribution



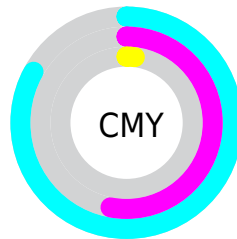
- Red (17%)
- Green (47%)
- Blue (98%)



- Red (17%)
- Yellow (39%)
- Blue (98%)



- Cyan (83%)
- Magenta (52%)
- Yellow (0%)
- Black (2%)



- Cyan (83%)
- Magenta (53%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0890, 21.0905, 93.1910 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 25.0890, 21.0905, 93.1910 by changing the saturation by 10% instead.

■ 25.0890, 21.0905,
93.1910

■ 25.0890, 21.0905,
93.1910

270.6203,
257.7591, 559.1930

■ 16.2725, 13.1902,
70.0417

■ 51.2434, 45.2381,
153.7370

■ 9.8092, 7.5596,
51.0835

■ 69.3120, 62.2542,
191.9708

■ 5.3339, 3.8145,
35.8979

■ 91.1953, 83.0776,
236.0699

■ 2.4813, 1.5703,
24.0663

■ 117.2588,
108.0928, 286.4528

■ 0.8858, 0.3375,
15.1701

■ 147.8676,
137.6841, 343.5380

■ 0.0000, 0.0000,
8.7909

183.3872,

■ 0.0000, 0.0000,

172.2360, 407.7441

4.5101

224.1830,
212.1329, 479.4896

■ 0.0000, 0.0000,
1.9092

■ 0.0000, 0.0000,
0.4986

■ 25.0890, 21.0905,
93.1910

■ 25.0890, 21.0905,
93.1910

■ 22.5996, 17.2197,
92.5756

■ 28.5272, 25.9045,
93.9395

■ 21.2747, 14.9407,
92.2055

■ 33.0267, 31.7400,
94.8287

■ 38.6853, 38.6664,
95.8674

■ 45.5879, 46.7455,
97.0630

■ 53.8109, 56.0338,
98.4225

■ 63.4241, 66.5837,
99.9521

■ 74.4922, 78.4440,
101.6580

■ 87.0755, 91.6609,
103.5460

■ 94.2554, 99.6822,
104.7158

Harmonies

Analogous

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



17.0922, 21.0905, 96.2681



25.0890, 21.0905, 93.1910



33.4643, 21.0905, 65.5089

Triad

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



25.0890, 21.0905, 93.1910



31.8838, 21.0905, 3.5029



8.6282, 21.0905, 15.1549

Complementary

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



25.0890, 21.0905, 93.1910



54.6179, 50.0125, 9.0624

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.



10.8008, 21.0905, 4.5214



25.0890, 21.0905, 93.1910



23.3216, 21.0905, 1.3370

Square

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



25.0890, 21.0905, 93.1910



38.0374, 21.0905, 12.0162



15.7284, 21.0905, 1.5249



8.8685, 21.0905, 39.1068

Rectangle

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



25.0890, 21.0905, 93.1910



37.5088, 21.0905, 43.1245



15.7284, 21.0905, 1.5249



9.0712, 21.0905, 10.3315

Sweetspot

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



25.0900, 21.0911, 93.1916



63.9674, 67.0660, 104.1813



42.5012, 71.8130, 49.9792



12.9235, 13.5140, 22.1773



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.



25.0900, 21.0911, 93.1916



22.4178, 15.9081, 96.4968



20.4465, 9.8309, 91.2629



16.8188, 17.7145, 21.9181



11.4118, 8.1792, 48.9508



1.1552, 0.9541, 4.5665

Inverse Universe

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



43.7405, 23.4340, 20.3071



43.4562, 22.1908, 13.4639



65.9403, 84.6912, 15.1593



17.5151, 17.3334, 19.3023



22.0522, 11.2366, 6.9832



2.0920, 1.0605, 0.9080

Previews

White Background



This preview shows how the XYZ color 25.0890, 21.0905, 93.1910 looks on a white background.

Color Contrast Check

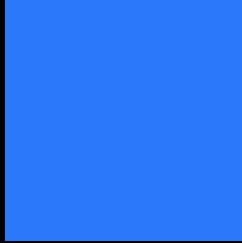
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0890, 21.0905, 93.1910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

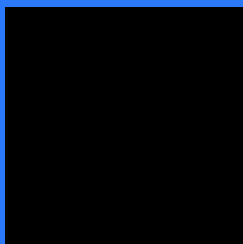
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

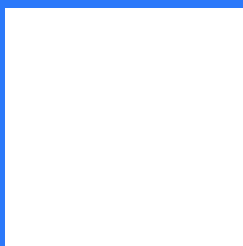
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0890, 21.0905, 93.1910

Background



This preview shows how black text looks on a background with the XYZ color 25.0890, 21.0905, 93.1910.



This preview shows how white text looks on a background with the XYZ color 25.0890, 21.0905,

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

25.0890, 21.0905, 93.1910

Protanopia

24.9678, 21.0280, 93.1853

Deuteranopia

21.1695, 21.0282, 72.7551



Tritanopia

14.8029, 20.9261, 31.6927

Trichromacy



Original Color

25.0890, 21.0905, 93.1910

Protanomaly

25.0071, 21.0483, 93.1872

Deuteranomaly

22.3825, 20.9151, 79.9481

Tritanomaly

17.4641, 20.4304, 49.4774

Monochromacy



Original Color

25.0890, 21.0905, 93.1910

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.5828, 16.8963, 36.5697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0890, 21.0905, 93.1910 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(43, 121, 250)` looks like.

```
.text, #text, p{  
    color:rgb(43, 121, 250)  
}
```

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(43, 121, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 121, 250) }
```

Border

The CSS property to change the border of an element to XYZ 25.0890, 21.0905, 93.1910 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(43, 121, 250) }
```


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

```
.border{ border-color:rgb(43, 121, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 121, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 121, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 121, 250);  
box-shadow:4px 4px 4px 4px rgb(43, 121,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0890, 21.0905, 93.1910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 121, 250) }
```

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

```
.background{ background-color: rgb(43, 121,  
250) }
```

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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