

Converting Colors

XYZ(25.6359, 22.9172, 90.4996)

Have a look what the booklet for
XYZ(25.6359, 22.9172, 90.4996)
contains.

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Color

**XYZ(25.6115, 22.9352,
90.2658)**

Conversions

Conversions Part 1

Format	Color
Hex	2E81F6
RGB	46, 129, 246
RGB Percent	18%, 51%, 96%
CMY	0.8195, 0.4941, 0.0353
CMYK	0.81, 0.48, 0.00, 0.04
HSL	215°, 92%, 57%
HSV	215°, 81%, 96%
XYZ	25.6115, 22.9352, 90.2658
YIQ	117.5210, -87.0250, 18.7910

Conversions

Conversions Part 2

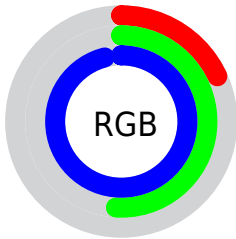
Format	Color
R_{YB}	46, 105, 246
Decimal	3047926
CIE _{Lab}	55.01, 16.89, -65.46
CIE _{LCh}	55, 67.603, 284.470
Yxy	22.9352, 0.1845, 0.1652
Android (android.graphics.Color)	4281238006 (0xFF2E81F6)
YUV	117.5210, 63.3401, -62.7239
Hunter-Lab	47.8907, 11.6514, -78.2280

Details

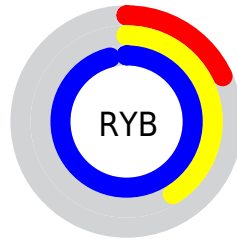
The XYZ color **25.6115, 22.9352, 90.2658** is a dark color, and the websafe version is hex **0066CC**. The color can be described as middle washed azure. A complement of this color would be **51.6002, 45.9913, 8.7443**, and the grayscale version is **16.9009, 17.7810, 19.3636**.

A 20% lighter version of the original color is **42.7423, 44.4787, 100.9402**, and **12.1277, 9.5590, 49.3500** is the 20% darker color. If you saturate the color by 10%, you get **23.0390, 18.9903, 89.6405**, and if you desaturate by 10%, it is **29.0869, 27.7422, 91.0110**.

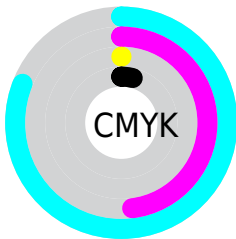
Distribution



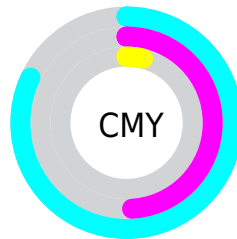
- Red (18%)
- Green (51%)
- Blue (96%)



- Red (18%)
- Yellow (41%)
- Blue (96%)



- Cyan (81%)
- Magenta (48%)
- Yellow (0%)
- Black (4%)



- Cyan (82%)
- Magenta (49%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6115, 22.9352, 90.2658 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 25.6115, 22.9352, 90.2658 by changing the saturation by 10% instead.

■ 25.6115, 22.9352,
90.2658

■ 25.6115, 22.9352,
90.2658

273.1615,
267.3920, 549.4875

■ 16.6644, 14.5457,
67.6262

■ 52.0833, 48.2869,
149.6463

■ 10.0893, 8.5012,
49.1289

■ 70.3387, 66.0179,
187.2242

■ 5.5209, 4.4173,
34.3554

■ 92.4276, 87.6314,
230.6187

■ 2.5939, 1.9096,
22.8872

■ 118.7153,
113.5120, 280.2482

■ 0.9428, 0.5541,
14.3057

■ 149.5672,
144.0439, 336.5313

■ 0.0000, 0.0000,
8.1924

185.3486,

■ 0.0000, 0.0000,

179.6116, 399.8865

4.1288

226.4249,
220.5995, 470.7324

■ 0.0000, 0.0000,
1.6963

■ 0.0000, 0.0000,
0.3582

■ 25.6115, 22.9352,
90.2658

■ 25.6115, 22.9352,
90.2658

■ 23.0390, 18.9903,
89.6405

■ 29.0869, 27.7422,
91.0110

■ 21.3936, 16.1719,
89.1832

■ 33.5670, 33.4790,
91.8822

■ 39.1416, 40.2067,
92.8870

■ 45.8888, 47.9794,
94.0316

■ 53.8787, 56.8467,
95.3221

■ 63.1759, 66.8545,
96.7638

■ 73.8400, 78.0459,
98.3619

■ 85.9270, 90.4615,
100.1213

■ 93.6347, 99.4339,
101.4469

Harmonies

Analogous

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



18.1558, 22.9352, 89.7999



25.6115, 22.9352, 90.2658



33.5651, 22.9352, 67.6567

Triad

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



25.6115, 22.9352, 90.2658



33.8178, 22.9352, 5.7569



10.6333, 22.9352, 15.4529

Complementary

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



25.6115, 22.9352, 90.2658



51.6002, 45.9913, 8.7443

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.



13.1650, 22.9352, 5.5557



25.6115, 22.9352, 90.2658



25.9001, 22.9352, 2.5591

Square

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



25.6115, 22.9352, 90.2658



38.9909, 22.9352, 15.9962



18.3854, 22.9352, 2.5159



10.5905, 22.9352, 36.8015

Rectangle

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



25.6115, 22.9352, 90.2658



37.6045, 22.9352, 47.3824



18.3854, 22.9352, 2.5159



11.1899, 22.9352, 11.0494

Sweetspot

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



25.6126, 22.9358, 90.2664



65.6292, 69.4276, 104.5496



40.6653, 69.1259, 45.6971



13.2716, 14.0263, 22.2578



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.



25.6126, 22.9358, 90.2664



23.5607, 18.1466, 96.8686



19.6421, 9.6557, 88.0178



16.1461, 17.0564, 20.9838



11.5498, 8.8933, 47.6459



1.1140, 0.9794, 4.2206

Inverse Universe

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



42.9465, 23.1334, 22.9708



44.0447, 22.4704, 16.4262



65.8697, 82.8226, 15.1013



16.7843, 16.5966, 18.6107



21.6343, 10.9972, 8.0486



1.9514, 0.9865, 0.9702

Previews

White Background



This preview shows how the XYZ color 25.6115, 22.9352, 90.2658 looks on a white background.

Color Contrast Check

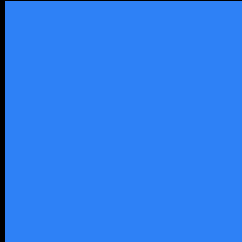
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6115, 22.9352, 90.2658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

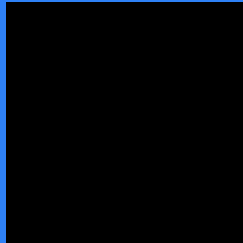
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

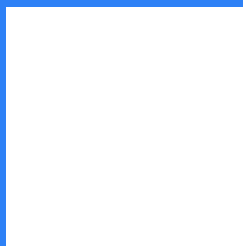
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6115, 22.9352, 90.2658

Background



This preview shows how black text looks on a background with the XYZ color 25.6115, 22.9352, 90.2658.



This preview shows how white text looks on a background with the XYZ color 25.6115, 22.9352,

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

25.6115, 22.9352, 90.2658

Protanopia

26.3727, 22.9756, 88.6327

Deuteranopia

23.2388, 22.7156, 81.0016



Tritanopia

16.0418, 22.6174, 34.5304

Trichromacy



Original Color

25.6115, 22.9352, 90.2658

Protanomaly

26.1251, 23.0230, 89.4531

Deuteranomaly

23.9150, 22.7947, 84.0283

Tritanomaly

18.5409, 22.2152, 50.8877

Monochromacy



Original Color

25.6115, 22.9352, 90.2658

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.1647, 18.9110, 38.2901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6115, 22.9352, 90.2658 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(46, 129, 246)` looks like.

```
.text, #text, p{  
    color:rgb(46, 129, 246)  
}
```

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(46, 129, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 129, 246) }
```

Border

The CSS property to change the border of an element to XYZ 25.6115, 22.9352, 90.2658 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(46, 129, 246) }
```


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

```
.border{ border-color:rgb(46, 129, 246) }
```

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

Here you see how a box with a 4 pixel rgb(46, 129, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 129, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 129, 246);  
box-shadow:4px 4px 4px 4px rgb(46, 129,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6115, 22.9352, 90.2658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 129, 246) }
```

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

```
.background{ background-color: rgb(46, 129,  
246) }
```

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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