

Converting Colors

XYZ(24.1627, 15.4445, 84.9267)

Have a look what the booklet for
XYZ(24.1627, 15.4445, 84.9267)
contains.

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Color

**XYZ(24.1627, 15.4445,
84.9267)**

Conversions

Conversions Part 1

Format	Color
Hex	6255F1
RGB	98, 85, 241
RGB Percent	38%, 33%, 95%
CMY	0.6157, 0.6667, 0.0549
CMYK	0.59, 0.65, 0.00, 0.05
HSL	245°, 85%, 64%
HSV	245°, 65%, 95%
XYZ	24.1627, 15.4445, 84.9267
YIQ	106.6710, -42.3280, 51.2720

Conversions

Conversions Part 2

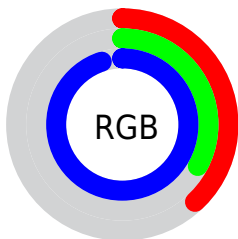
Format	Color
R_{YB}	98, 85, 241
Decimal	6444529
CIE _{Lab}	46.24, 48.48, -76.80
CIE _{LCh}	46, 90.818, 302.263
Yxy	15.4445, 0.1940, 0.1240
Android (android.graphics.Color)	4284634609 (0xFF6255F1)
YUV	106.6710, 66.2242, -7.6045
Hunter-Lab	39.2995, 40.9739, -100.6168

Details

The XYZ color **24.1627, 15.4445, 84.9267** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **65.0875, 80.0595, 20.6167**, and the grayscale version is **13.7164, 14.4307, 15.7150**.

A 20% lighter version of the original color is **41.5521, 32.4054, 98.6726**, and **9.3574, 4.8534, 45.7910** is the 20% darker color. If you saturate the color by 10%, you get **20.5146, 11.2108, 84.3022**, and if you desaturate by 10%, it is **29.1159, 21.3095, 85.7981**.

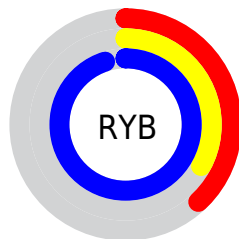
Distribution



Red (38%)

Green (33%)

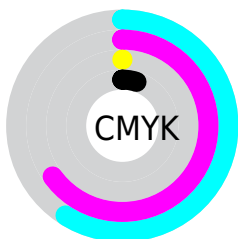
Blue (95%)



Red (38%)

Yellow (33%)

Blue (95%)

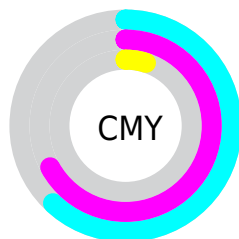


Cyan (59%)

Magenta (65%)

Yellow (0%)

Black (5%)



Cyan (62%)

Magenta (67%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1627, 15.4445, 84.9267 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 24.1627, 15.4445, 84.9267 by changing the saturation by 10% instead.

■ 24.1627, 15.4445,
84.9267

■ 24.1627, 15.4445,
84.9267

266.0672,
226.0411, 531.5238

■ 15.5797, 9.1319,
63.2310

■ 49.7483, 35.6311,
142.1440

■ 9.3162, 4.8273,
45.5859

■ 67.4817, 50.2739,
178.5027

■ 5.0068, 2.1463,
31.5729

■ 88.9959, 68.4623,
220.5862

■ 2.2860, 0.6905,
20.7734

■ 114.6563, 90.5806,
268.8129

■ 0.7875, 0.0000,
12.7688

■ 144.8283,
117.0132, 323.6015

■ 0.0000, 0.0000,
7.1407

179.8772,

■ 0.0000, 0.0000,

148.1446, 385.3705

3.4705

220.1684,
184.3591, 454.5384

■ 0.0000, 0.0000,
1.3396

■ 0.0000, 0.0000,
0.0939

■ 24.1627, 15.4445,
84.9267

■ 24.1627, 15.4445,
84.9267

■ 20.5146, 11.2108,
84.3022

■ 29.1159, 21.3095,
85.7981

■ 18.0447, 8.4411,
83.8978

■ 35.4798, 28.9481,
86.9371

■ 16.6049, 6.9340,
83.6828

■ 43.3525, 38.4885,
88.3636

■ 16.1677, 6.5006,
83.6221

■ 52.8221, 50.0468,
90.0955

■ 63.9702, 63.7296,
92.1490

■ 76.8728, 79.6361,
94.5392

■ 91.6012, 97.8593,
97.2804

■ 92.8773, 99.1309,
97.4586

Harmonies

Analogous

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



15.2760, 15.4445, 105.7329



24.1627, 15.4445, 84.9267



32.2240, 15.4445, 45.5445

Triad

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



24.1627, 15.4445, 84.9267



22.7691, 15.4445, 0.0000



4.2535, 15.4445, 18.5591

Complementary

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



24.1627, 15.4445, 84.9267



65.0875, 80.0595, 20.6167

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.



5.0429, 15.4445, 3.7441



24.1627, 15.4445, 84.9267



14.0988, 15.4445, 0.0000

Square

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



24.1627, 15.4445, 84.9267



31.2400, 15.4445, 2.7707



8.0727, 15.4445, 0.2043



5.3371, 15.4445, 51.4563

Rectangle

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



24.1627, 15.4445, 84.9267



34.9625, 15.4445, 23.2448



8.0727, 15.4445, 0.2043



4.3080, 15.4445, 11.6981

Sweetspot

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



24.1636, 15.4449, 84.9271



67.0006, 65.4163, 103.7030



47.3670, 63.7692, 93.0317



13.5719, 13.0584, 22.0551



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.



24.1636, 15.4449, 84.9271



22.1929, 11.4623, 95.6505



37.0302, 22.0779, 85.5293



15.0194, 15.2917, 19.8816



8.8119, 3.5481, 45.3483



0.7748, 0.3167, 3.7745

Inverse Universe

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



53.5268, 30.7988, 76.5166



58.1526, 30.2955, 83.9911



45.6728, 70.0508, 19.7081



16.3941, 16.0073, 19.6314



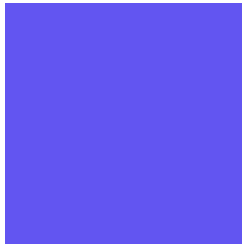
26.7664, 12.9790, 38.2821



2.2434, 1.0864, 3.2724

Previews

White Background



This preview shows how the XYZ color 24.1627, 15.4445, 84.9267 looks on a white background.

Color Contrast Check

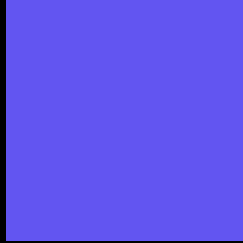
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1627, 15.4445, 84.9267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

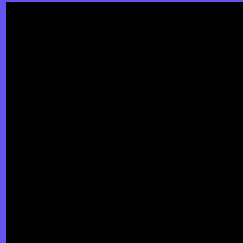
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.1627, 15.4445, 84.9267

Background



This preview shows how black text looks on a background with the XYZ color 24.1627, 15.4445, 84.9267.



This preview shows how white text looks on a background with the XYZ color 24.1627, 15.4445,

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

24.1627, 15.4445, 84.9267

Protanopia

18.2364, 15.3771, 71.1142

Deuteranopia

15.1981, 15.3499, 51.4520



Tritanopia

11.7120, 15.3805, 22.7735

Trichromacy



Original Color

24.1627, 15.4445, 84.9267

Protanomaly

19.2381, 14.7676, 75.9652

Deuteranomaly

16.9875, 14.4813, 62.2214

Tritanomaly

14.6659, 14.5382, 39.5693

Monochromacy



Original Color

24.1627, 15.4445, 84.9267

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.1715, 14.2670, 33.3540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1627, 15.4445, 84.9267 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(98, 85, 241) looks like.

```
.text, #text, p{  
    color:rgb(98, 85, 241)  
}
```

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(98, 85, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 85, 241) }
```

Border

The CSS property to change the border of an element to XYZ 24.1627, 15.4445, 84.9267 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(98, 85, 241) }
```


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

```
.border{ border-color:rgb(98, 85, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 85, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 85, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 85, 241);  
box-shadow:4px 4px 4px 4px rgb(98, 85,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1627, 15.4445, 84.9267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 85, 241) }
```

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

```
.background{ background-color: rgb(98, 85,  
241) }
```

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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