

Converting Colors

XYZ(24.6175, 21.0889, 73.3353)

Have a look what the booklet for
XYZ(24.6175, 21.0889, 73.3353)
contains.

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Color

**XYZ(24.5846, 21.0901,
73.2960)**

Conversions

Conversions Part 1

Format	Color
Hex	5C78E0
RGB	92, 120, 224
RGB Percent	36%, 47%, 88%
CMY	0.6392, 0.5294, 0.1216
CMYK	0.59, 0.46, 0.00, 0.12
HSL	227°, 68%, 62%
HSV	227°, 59%, 88%
XYZ	24.5846, 21.0901, 73.2960
YIQ	123.4840, -50.0720, 26.4080

Conversions

Conversions Part 2

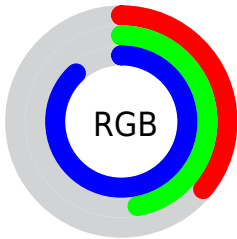
Format	Color
RYB	92, 115, 224
Decimal	6060256
CIELab	53.05, 20.95, -56.23
CIElCh	53, 60.011, 290.437
Yxy	21.0901, 0.2066, 0.1773
Android (android.graphics.Color)	4284250336 (0xFF5C78E0)
YUV	123.4840, 49.5544, -27.6115
Hunter-Lab	45.9240, 15.1900, -62.4818

Details

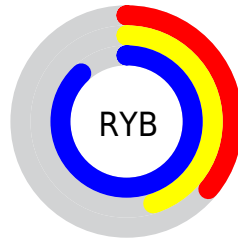
The XYZ color **24.5846, 21.0901, 73.2960** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **52.4138, 56.1024, 18.1929**, and the grayscale version is **18.8406, 19.8218, 21.5859**.

A 20% lighter version of the original color is **45.7514, 43.4004, 100.5735**, and **9.5369, 7.5400, 37.9985** is the 20% darker color. If you saturate the color by 10%, you get **20.7382, 16.2415, 72.5633**, and if you desaturate by 10%, it is **29.4854, 27.0634, 74.1911**.

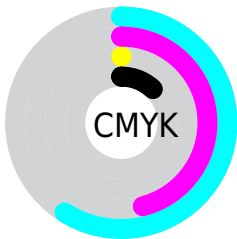
Distribution



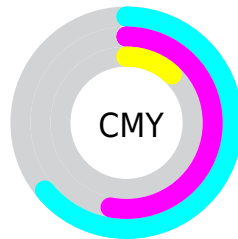
- Red (36%)
- Green (47%)
- Blue (88%)



- Red (36%)
- Yellow (45%)
- Blue (88%)



- Cyan (59%)
- Magenta (46%)
- Yellow (0%)
- Black (12%)



- Cyan (64%)
- Magenta (53%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5846, 21.0901, 73.2960 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 24.5846, 21.0901, 73.2960 by changing the saturation by 10% instead.

■ 24.5846, 21.0901,
73.2960

■ 24.5846, 21.0901,
73.2960

268.1488,
257.7569, 491.1383

■ 15.8949, 13.1899,
53.7247

■ 50.4303, 45.2374,
125.6221

■ 9.5402, 7.5594,
37.9900

■ 68.3170, 62.2533,
159.2141

■ 5.1551, 3.8144,
25.6731

■ 90.0001, 83.0766,
198.3167

■ 2.3742, 1.5703,
16.3557

■ 115.8449,
108.0916, 243.3485

■ 0.8322, 0.3374,
9.6191

146.2169,
137.6827, 294.7280

■ 0.0000, 0.0000,
5.0449

181.4813,

■ 0.0000, 0.0000,

172.2344, 352.8738

2.2144

222.0034,
212.1310, 418.2044

■ 0.0000, 0.0000,
0.6827

■ 0.0000, 0.0000,
0.0000

■ 24.5846, 21.0901,
73.2960

■ 24.5846, 21.0901,
73.2960

■ 20.7382, 16.2415,
72.5633

■ 29.4854, 27.0634,
74.1911

■ 17.8616, 12.4415,
71.9815

■ 35.5107, 34.2264,
75.2562

■ 15.8611, 9.6068,
71.5397

■ 42.7274, 42.6414,
76.5001

■ 14.6001, 7.6280,
71.2243

■ 51.1964, 52.3655,
77.9306

■ 14.4916, 7.4559,
71.1967

■ 60.9743, 63.4524,
79.5553

■ 72.1144, 75.9526,
81.3809

■ 84.6666, 89.9140,
83.4142

■ 90.4546, 98.1618,
84.7011

Harmonies

Analogous

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



18.0978, 21.0901, 77.0507



24.5846, 21.0901, 73.2960



30.9219, 21.0901, 52.9436

Triad

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



24.5846, 21.0901, 73.2960



28.8030, 21.0901, 5.2479



10.3083, 21.0901, 17.6639

Complementary

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



24.5846, 21.0901, 73.2960



52.4138, 56.1024, 18.1929

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.



12.0754, 21.0901, 7.1865



24.5846, 21.0901, 73.2960



22.1282, 21.0901, 2.9210

Square

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



24.5846, 21.0901, 73.2960



33.6900, 21.0901, 12.8468



16.1026, 21.0901, 3.3733



10.6947, 21.0901, 37.3490

Rectangle

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



24.5846, 21.0901, 73.2960



33.7795, 21.0901, 36.6648



16.1026, 21.0901, 3.3733



10.6532, 21.0901, 13.1877

Sweetspot

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



24.5855, 21.0908, 73.2965



69.6613, 71.3670, 104.7114



40.9659, 59.5456, 61.2026



14.1507, 14.4081, 22.2852



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.



24.5855, 21.0908, 73.2965



26.7030, 20.3396, 97.1263



26.3971, 17.7361, 72.5535



13.1865, 13.7121, 17.3394



8.5030, 4.4756, 41.4641



0.6544, 0.4402, 2.8957

Inverse Universe

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



37.9586, 24.8588, 20.5674



46.6296, 27.3285, 18.2489



48.9841, 64.5991, 20.0137



13.8256, 13.7479, 14.8517



18.2321, 9.3599, 2.6223



1.2966, 0.6619, 0.3545

Previews

White Background



This preview shows how the XYZ color 24.5846, 21.0901, 73.2960 looks on a white background.

Color Contrast Check

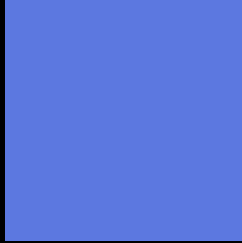
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5846, 21.0901, 73.2960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

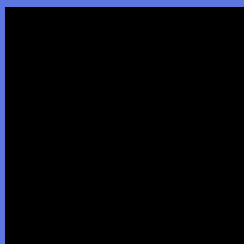
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5846, 21.0901, 73.2960

Background



This preview shows how black text looks on a background with the XYZ color 24.5846, 21.0901, 73.2960.



This preview shows how white text looks on a background with the XYZ color 24.5846, 21.0901,

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

24.5846, 21.0901, 73.2960

Protanopia

23.9286, 21.2485, 75.5132

Deuteranopia

21.8588, 21.2045, 72.0480



Tritanopia

16.0946, 20.9592, 31.2142

Trichromacy



Original Color

24.5846, 21.0901, 73.2960

Protanomaly

24.1667, 21.2039, 74.7705

Deuteranomaly

22.5164, 20.9556, 72.6701

Tritanomaly

18.5513, 20.7068, 44.0933

Monochromacy



Original Color

24.5846, 21.0901, 73.2960

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.9868, 19.9019, 36.0457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5846, 21.0901, 73.2960 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(92, 120, 224)` looks like.

```
.text, #text, p{  
    color:rgb(92, 120, 224)  
}
```

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(92, 120, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 120, 224) }
```

Border

The CSS property to change the border of an element to XYZ 24.5846, 21.0901, 73.2960 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(92, 120, 224) }
```


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

```
.border{ border-color:rgb(92, 120, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 120, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 120, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 120, 224);  
box-shadow:4px 4px 4px 4px rgb(92, 120,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5846, 21.0901, 73.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 120, 224) }
```

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

```
.background{ background-color: rgb(92, 120,  
224) }
```

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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