

Converting Colors

XYZ(21.5017, 21.7383, 43.0175)

Have a look what the booklet for
XYZ(21.5017, 21.7383, 43.0175)
contains.

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Color

**XYZ(21.4226, 21.6201,
43.0884)**

Conversions

Conversions Part 1

Format	Color
Hex	6B80AE
RGB	107, 128, 174
RGB Percent	42%, 50%, 68%
CMY	0.5804, 0.4980, 0.3176
CMYK	0.39, 0.26, 0.00, 0.32
HSL	221°, 29%, 55%
HSV	221°, 39%, 68%
XYZ	21.4226, 21.6201, 43.0884
YIQ	126.9650, -27.2820, 9.8540

Conversions

Conversions Part 2

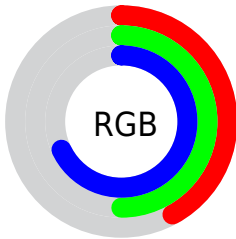
Format	Color
R _Y B	107, 123, 174
Decimal	7045294
CIE Lab	53.62, 4.19, -26.80
CIE LCh	54, 27.124, 278.892
Yxy	21.6201, 0.2487, 0.2510
Android (android.graphics.Color)	4285235374 (0xFF6B80AE)
YUV	126.9650, 23.1883, -17.5093
Hunter-Lab	46.4974, 0.8692, -22.3949

Details

The XYZ color **21.4226, 21.6201, 43.0884** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **31.5014, 32.8436, 18.5901**, and the grayscale version is **20.0911, 21.1374, 23.0186**.

A 20% lighter version of the original color is **45.3040, 46.2345, 81.3993**, and **7.8781, 7.8132, 19.1820** is the 20% darker color. If you saturate the color by 10%, you get **18.0698, 17.7134, 42.5114**, and if you desaturate by 10%, it is **25.3813, 26.1124, 43.7472**.

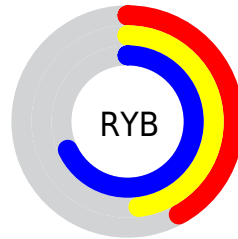
Distribution



Red (42%)

Green (50%)

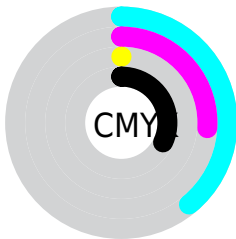
Blue (68%)



Red (42%)

Yellow (48%)

Blue (68%)

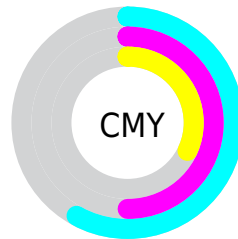


Cyan (39%)

Magenta (26%)

Yellow (0%)

Black (32%)



Cyan (58%)

Magenta (50%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4226, 21.6201, 43.0884 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 21.4226, 21.6201, 43.0884 by changing the saturation by 10% instead.

■ 21.4226, 21.6201,
43.0884

■ 21.4226, 21.6201,
43.0884

252.2054,
260.5559, 374.9071

■ 13.5475, 13.5780,
29.6226

■ 45.2758, 46.1173,
81.1320

■ 7.8862, 7.8278,
19.3027

■ 61.9846, 63.3412,
106.5469

■ 4.0734, 3.9849,
11.7102

■ 82.3686, 84.3945,
136.7819

■ 1.7437, 1.6651,
6.4265

■ 106.7933,
109.6616, 172.2555

■ 0.4834, 0.4009,
3.0332

135.6240,
139.5269, 213.3863

■ 0.0000, 0.0000,
1.1116

169.2260,

■ 0.0000, 0.0000,

174.3748, 260.5928

0.0000

207.9646,
214.5896, 314.2935

■ 21.4226, 21.6201,
43.0884

■ 21.4226, 21.6201,
43.0884

■ 18.0698, 17.7134,
42.5114

■ 25.3813, 26.1124,
43.7472

■ 15.2890, 14.3642,
42.0115

■ 29.9730, 31.2119,
44.4895

■ 13.0461, 11.5452,
41.5856

■ 35.2257, 36.9420,
45.3187

■ 11.3021, 9.2259,
41.2299

■ 41.1652, 43.3243,
46.2376

■ 10.0121, 7.3717,
40.9400

■ 47.8158, 50.3790,
47.2487

■ 9.1025, 5.9326,
40.7101

■ 55.2004, 58.1256,
48.3548

■ 8.9843, 5.7445,
40.6801

■ 63.3412, 66.5828,
49.5581

■ 72.2591, 75.7684,
50.8611

■ 78.7376, 84.0312,
52.1145

Harmonies

Analogous

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



18.6072, 21.6201, 41.7865



21.4226, 21.6201, 43.0884



24.2499, 21.6201, 38.2737

Triad

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



21.4226, 21.6201, 43.0884



25.1984, 21.6201, 14.8756



15.7771, 21.6201, 18.2486

Complementary

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



21.4226, 21.6201, 43.0884



31.5014, 32.8436, 18.5901

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.



17.2456, 21.6201, 13.1764



21.4226, 21.6201, 43.0884



22.6220, 21.6201, 11.5712

Square

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



21.4226, 21.6201, 43.0884



26.5606, 21.6201, 21.1592



19.7000, 21.6201, 11.0323



15.5211, 21.6201, 26.0943

Rectangle

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



21.4226, 21.6201, 43.0884



25.6987, 21.6201, 32.7854



19.7000, 21.6201, 11.0323



16.1382, 21.6201, 16.2209

Sweetspot

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



21.4233, 21.6209, 43.0889



60.2192, 63.0182, 81.6267



26.9321, 35.6912, 35.5136



13.1136, 13.7114, 18.0997



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.4233, 21.6209, 43.0889



33.7297, 33.2551, 77.2780



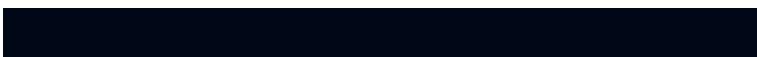
20.5453, 17.5144, 42.3426



7.7761, 8.1516, 10.1163



6.5640, 4.2619, 29.5212



0.2322, 0.2178, 0.8378

Inverse Universe

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



26.6102, 21.0735, 23.0879



44.6298, 32.7538, 35.1007



32.6333, 38.9859, 19.7160



8.1048, 8.0552, 8.8626



13.1769, 6.7333, 3.3108



0.3916, 0.1973, 0.2240

Previews

White Background



This preview shows how the XYZ color 21.4226, 21.6201, 43.0884 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 21.4226, 21.6201, 43.0884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

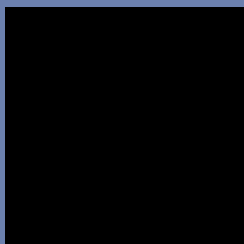
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

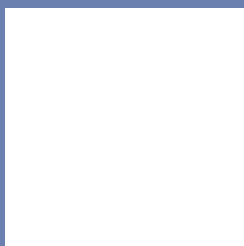
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.4226, 21.6201, 43.0884

Background



This preview shows how black text looks on a background with the XYZ color 21.4226, 21.6201, 43.0884.

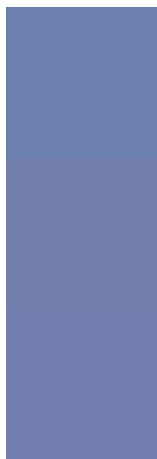


This preview shows how white text looks on a background with the XYZ color 21.4226, 21.6201,

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

21.4226, 21.6201, 43.0884

Protanopia

22.0739, 21.5837, 42.5378

Deuteranopia

22.0403, 21.5551, 43.0433



Tritanopia

18.8147, 21.7731, 29.5966

Trichromacy



Original Color

21.4226, 21.6201, 43.0884

Protanomaly

21.8143, 21.6406, 42.5625

Deuteranomaly

21.7849, 21.6142, 43.0682

Tritanomaly

19.7612, 21.7527, 34.1675

Monochromacy



Original Color

21.4226, 21.6201, 43.0884

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.3691, 21.1854, 29.4012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4226, 21.6201, 43.0884 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(107, 128, 174)` looks like.

```
.text, #text, p{  
    color:rgb(107, 128, 174)  
}
```

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(107, 128, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 128, 174) }
```

Border

The CSS property to change the border of an element to XYZ 21.4226, 21.6201, 43.0884 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(107, 128, 174) }
```


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

```
.border{ border-color:rgb(107, 128, 174) }
```

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

Here you see how a box with a 4 pixel rgb(107, 128, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 128, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 128, 174);  
box-shadow:4px 4px 4px 4px rgb(107, 128,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4226, 21.6201, 43.0884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 128, 174) }
```

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

```
.background{ background-color: rgb(107,  
128, 174) }
```

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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