

Converting Colors

XYZ(21.5606, 21.4727, 70.7184)

Have a look what the booklet for
XYZ(21.5606, 21.4727, 70.7184)
contains.

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Color

**XYZ(21.5606, 21.4727,
70.7184)**

Conversions

Conversions Part 1

Format	Color
Hex	2282DC
RGB	34, 130, 220
RGB Percent	13%, 51%, 86%
CMY	0.8666, 0.4902, 0.1373
CMYK	0.85, 0.41, 0.00, 0.14
HSL	209°, 73%, 50%
HSV	209°, 85%, 86%
XYZ	21.5606, 21.4727, 70.7184
YIQ	111.5560, -86.1060, 7.6380

Conversions

Conversions Part 2

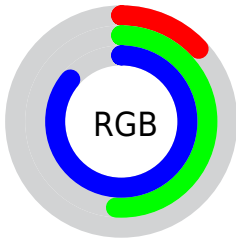
Format	Color
R_{YB}	34, 97, 220
Decimal	2261724
CIE _{Lab}	53.46, 5.53, -53.44
CIE _{LCh}	53, 53.724, 275.906
Yxy	21.4727, 0.1895, 0.1888
Android (android.graphics.Color)	4280451804 (0xFF2282DC)
YUV	111.5560, 53.4629, -68.0166
Hunter-Lab	46.3386, 1.9605, -58.0467

Details

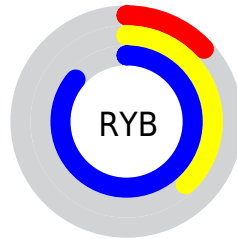
The XYZ color **21.5606, 21.4727, 70.7184** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **37.0146, 29.7516, 5.3067**, and the grayscale version is **15.1402, 15.9287, 17.3464**.

A 20% lighter version of the original color is **41.4600, 44.1206, 100.9387**, and **9.7181, 8.7149, 36.2919** is the 20% darker color. If you saturate the color by 10%, you get **19.7094, 18.5239, 70.2473**, and if you desaturate by 10%, it is **24.0234, 24.9546, 71.2612**.

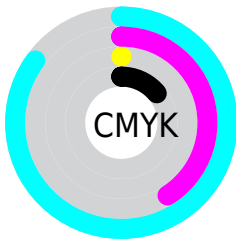
Distribution



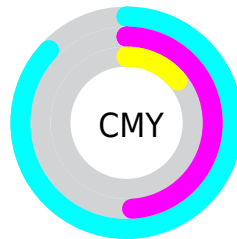
- Red (13%)
- Green (51%)
- Blue (86%)



- Red (13%)
- Yellow (38%)
- Blue (86%)



- Cyan (85%)
- Magenta (41%)
- Yellow (0%)
- Black (14%)



- Cyan (87%)
- Magenta (49%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5606, 21.4727, 70.7184 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 21.5606, 21.4727, 70.7184 by changing the saturation by 10% instead.

■ 21.5606, 21.4727,
70.7184

■ 21.5606, 21.4727,
70.7184

252.9187,
259.7801, 481.9255

■ 13.6492, 13.4700,
51.6320

■ 45.5030, 45.8729,
121.9234

■ 7.9571, 7.7530,
36.3316

■ 62.2646, 63.0392,
154.8790

■ 4.1191, 3.9373,
24.3987

■ 82.7071, 84.0288,
193.2949

■ 1.7697, 1.6385,
15.4147

■ 107.1957,
109.2261, 237.5894

■ 0.4993, 0.3834,
8.9611

■ 136.0958,
139.0154, 288.1812

■ 0.0000, 0.0000,
4.6194

169.7727,

■ 0.0000, 0.0000,

173.7813, 345.4888

1.9709

208.5919,
213.9080, 409.9307

■ 0.0000, 0.0000,
0.5373

■ 0.0000, 0.0000,
0.0000

■ 21.5606, 21.4727,
70.7184

■ 21.5606, 21.4727,
70.7184

■ 19.7094, 18.5239,
70.2473

■ 24.0234, 24.9546,
71.2612

■ 18.8837, 17.0980,
70.0156

■ 27.1759, 29.0158,
71.8789

■ 31.0859, 33.6973,
72.5764

■ 35.8117, 39.0351,
73.3577

■ 41.4050, 45.0614,
74.2261

■ 47.9134, 51.8062,
75.1849

■ 55.3804, 59.2971,
76.2372

■ 63.8467, 67.5602,
77.3859

■ 73.3506, 76.6201,
78.6338

Harmonies

Analogous

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



16.2447, 21.4727, 65.4699



21.5606, 21.4727, 70.7184



27.5539, 21.4727, 59.2463

Triad

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



21.5606, 21.4727, 70.7184



30.6637, 21.4727, 9.3566



11.9332, 21.4727, 12.7441

Complementary

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



21.5606, 21.4727, 70.7184



37.0146, 29.7516, 5.3067

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.



14.6204, 21.4727, 6.0334



21.5606, 21.4727, 70.7184



25.2307, 21.4727, 4.8140

Square

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



21.5606, 21.4727, 70.7184



33.4035, 21.4727, 20.2898



19.2995, 21.4727, 3.9710



11.3156, 21.4727, 26.7694

Rectangle

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



21.5606, 21.4727, 70.7184



30.9259, 21.4727, 45.8238



19.2995, 21.4727, 3.9710



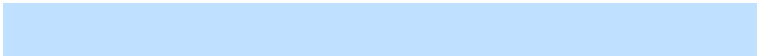
12.5962, 21.4727, 9.8063

Sweetspot

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



21.5615, 21.4733, 70.7190



66.2948, 71.7209, 104.9571



29.8862, 52.9802, 27.6903



13.4749, 14.6168, 22.3611



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.



21.5615, 21.4733, 70.7190



26.2472, 23.6144, 97.7824



14.2440, 6.8384, 68.2798



12.8917, 13.7231, 16.6215



11.1948, 10.2590, 41.1286



0.8114, 0.8370, 2.6932

Inverse Universe

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



34.1174, 17.9727, 22.7904



45.3776, 22.9150, 23.7181



54.5918, 64.9060, 11.1657



13.3352, 13.1632, 15.0264



19.1459, 9.6594, 10.4144



1.2839, 0.6432, 0.9037

Previews

White Background



This preview shows how the XYZ color 21.5606, 21.4727, 70.7184 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 21.5606, 21.4727, 70.7184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

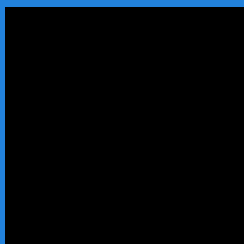
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

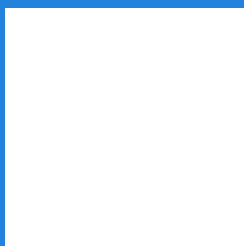
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5606, 21.4727, 70.7184

Background



This preview shows how black text looks on a background with the XYZ color 21.5606, 21.4727, 70.7184.



This preview shows how white text looks on a background with the XYZ color 21.5606, 21.4727,

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

21.5606, 21.4727, 70.7184

Protanopia

23.4651, 21.3942, 66.5111

Deuteranopia

22.0536, 21.3357, 70.6660



Tritanopia

15.1108, 21.2841, 32.5900

Trichromacy



Original Color

21.5606, 21.4727, 70.7184

Protanomaly

22.3098, 21.1448, 67.8712

Deuteranomaly

21.8507, 21.4257, 70.6941

Tritanomaly

16.9338, 21.1041, 44.2553

Monochromacy



Original Color

21.5606, 21.4727, 70.7184

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.8389, 17.3128, 31.7851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5606, 21.4727, 70.7184 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(34, 130, 220)` looks like.

```
.text, #text, p{  
    color:rgb(34, 130, 220)  
}
```

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(34, 130, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 130, 220) }
```

Border

The CSS property to change the border of an element to XYZ 21.5606, 21.4727, 70.7184 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(34, 130, 220) }
```


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

```
.border{ border-color:rgb(34, 130, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 130, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 130, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 130, 220);  
box-shadow:4px 4px 4px 4px rgb(34, 130,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5606, 21.4727, 70.7184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 130, 220) }
```

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

```
.background{ background-color: rgb(34, 130,  
220) }
```

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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