

Converting Colors

XYZ(22.3253, 23.1221, 41.3165)

Have a look what the booklet for
XYZ(22.3253, 23.1221, 41.3165)
contains.

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Color

**XYZ(22.3253, 23.1221,
41.3165)**

Conversions

Conversions Part 1

Format	Color
Hex	7085AA
RGB	112, 133, 170
RGB Percent	44%, 52%, 67%
CMY	0.5608, 0.4784, 0.3333
CMYK	0.34, 0.22, 0.00, 0.33
HSL	218°, 25%, 55%
HSV	218°, 34%, 67%
XYZ	22.3253, 23.1221, 41.3165
YIQ	130.9390, -24.3930, 7.0550

Conversions

Conversions Part 2

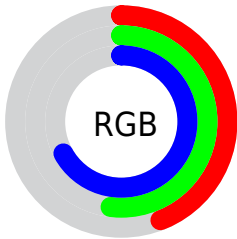
Format	Color
R_{YB}	112, 127, 170
Decimal	7374250
CIE Lab	55.20, 1.61, -22.04
CIE LCh	55, 22.098, 274.187
Yxy	23.1221, 0.2573, 0.2665
Android (android.graphics.Color)	4285564330 (0xFF7085AA)
YUV	130.9390, 19.2571, -16.6095
Hunter-Lab	48.0854, -1.2748, -17.2840

Details

The XYZ color **22.3253, 23.1221, 41.3165** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **30.2500, 31.2110, 19.7599**, and the grayscale version is **21.4919, 22.6112, 24.6236**.

A 20% lighter version of the original color is **46.6666, 48.5534, 78.1463**, and **8.3648, 8.6408, 18.3665** is the 20% darker color. If you saturate the color by 10%, you get **18.9543, 19.2932, 40.7555**, and if you desaturate by 10%, it is **26.2595, 27.4699, 41.9488**.

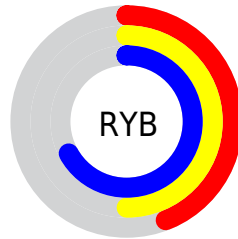
Distribution



Red (44%)

Green (52%)

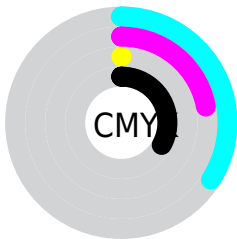
Blue (67%)



Red (44%)

Yellow (50%)

Blue (67%)

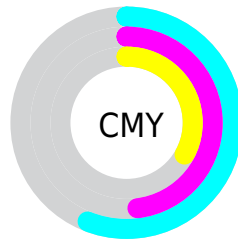


Cyan (34%)

Magenta (22%)

Yellow (0%)

Black (33%)



Cyan (56%)

Magenta (48%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3253, 23.1221, 41.3165 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 22.3253, 23.1221, 41.3165 by changing the saturation by 10% instead.

■ 22.3253, 23.1221,
41.3165

■ 22.3253, 23.1221,
41.3165

256.8409,
268.3515, 367.3574

■ 14.2141, 14.6837,
28.2449

■ 46.7579, 48.5937,
78.4230

■ 8.3524, 8.5977,
18.2697

■ 63.8100, 66.3958,
103.2950

■ 4.3749, 4.4797,
10.9724

■ 84.5731, 88.0878,
132.9375

■ 1.9164, 1.9454,
5.9343

■ 109.4125,
114.0542, 167.7692

■ 0.5863, 0.5754,
2.7370

138.6937,
144.6793, 208.2084

■ 0.0000, 0.0000,
0.9620

172.7819,

■ 0.0000, 0.0000,

180.3477, 254.6739

0.0000

212.0425,
221.4436, 307.5840

■ 22.3253, 23.1221,
41.3165

■ 22.3253, 23.1221,
41.3165

■ 18.9543, 19.2932,
40.7555

■ 26.2595, 27.4699,
41.9488

■ 16.1165, 15.9595,
40.2616

■ 30.7804, 32.3538,
42.6532

■ 13.7826, 13.0990,
39.8325

■ 35.9127, 37.7933,
43.4326

■ 11.9191, 10.6869,
39.4651

■ 41.6789, 43.8063,
44.2893

■ 10.4879, 8.6956,
39.1562

■ 48.1007, 50.4095,
45.2254

■ 9.4442, 7.0932,
38.9019

■ 55.1983, 57.6192,
46.2429

■ 8.9543, 6.2993,
38.7745

■ 62.9913, 65.4509,
47.3439

■ 71.4983, 73.9196,
48.5301

■ 76.9610, 81.0928,
49.6268

Harmonies

Analogous

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



19.9738, 23.1221, 39.5065



22.3253, 23.1221, 41.3165



24.7538, 23.1221, 38.1812

Triad

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



22.3253, 23.1221, 41.3165



26.1426, 23.1221, 18.2830



17.9741, 23.1221, 19.7076

Complementary

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



22.3253, 23.1221, 41.3165



30.2500, 31.2110, 19.7599

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.



19.4158, 23.1221, 15.5206



22.3253, 23.1221, 41.3165



24.1096, 23.1221, 14.8126

Square

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



22.3253, 23.1221, 41.3165



27.0599, 23.1221, 24.1964



21.6321, 23.1221, 13.9047



17.5739, 23.1221, 26.1818

Rectangle

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



22.3253, 23.1221, 41.3165



26.0559, 23.1221, 33.9994



21.6321, 23.1221, 13.9047



18.3474, 23.1221, 18.0288

Sweetspot

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



22.3261, 23.1230, 41.3170



59.3770, 62.4637, 77.9291



26.4609, 34.3561, 33.5596



12.9638, 13.6346, 17.3362



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



22.3261, 23.1230, 41.3170



35.7524, 36.5713, 74.1765



20.7593, 18.4654, 40.5006



7.3459, 7.7287, 9.5230



6.6358, 4.7318, 28.5391



0.2100, 0.2123, 0.7106

Inverse Universe

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



26.6060, 21.8285, 25.0023



44.8652, 34.3834, 39.3117



32.2543, 37.6291, 20.8931



7.6392, 7.5855, 8.4171



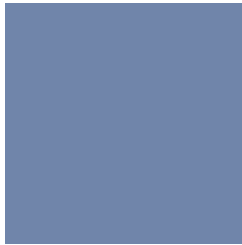
12.8500, 6.5487, 4.0219



0.3372, 0.1691, 0.2270

Previews

White Background



This preview shows how the XYZ color 22.3253, 23.1221, 41.3165 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 22.3253, 23.1221, 41.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

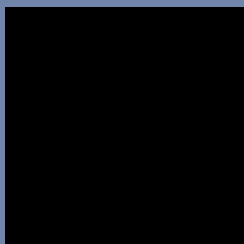
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

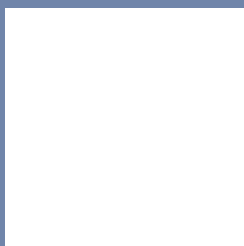
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.3253, 23.1221, 41.3165

Background



This preview shows how black text looks on a background with the XYZ color 22.3253, 23.1221, 41.3165.



This preview shows how white text looks on a background with the XYZ color 22.3253, 23.1221,

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

22.3253, 23.1221, 41.3165

Protanopia

23.0766, 22.9300, 40.2555

Deuteranopia

23.6455, 23.1906, 41.7581



Tritanopia

20.3544, 23.1552, 31.4136

Trichromacy



Original Color

22.3253, 23.1221, 41.3165

Protanomaly

22.7489, 22.9487, 40.7667

Deuteranomaly

23.2127, 23.1659, 41.7761

Tritanomaly

21.1116, 23.2598, 34.8294

Monochromacy



Original Color

22.3253, 23.1221, 41.3165

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.6743, 22.8319, 30.0527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3253, 23.1221, 41.3165 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(112, 133, 170)` looks like.

```
.text, #text, p{  
    color:rgb(112, 133, 170)  
}
```

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(112, 133, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 133, 170) }
```

Border

The CSS property to change the border of an element to XYZ 22.3253, 23.1221, 41.3165 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(112, 133, 170) }
```


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

```
.border{ border-color:rgb(112, 133, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 133, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 133, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 133, 170);  
box-shadow:4px 4px 4px 4px rgb(112, 133,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3253, 23.1221, 41.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 133, 170) }
```

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

```
.background{ background-color: rgb(112,  
133, 170) }
```

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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