

Converting Colors

XYZ(22.2096, 25.6353, 60.9031)

Have a look what the booklet for
XYZ(22.2096, 25.6353, 60.9031)
contains.

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Color

**XYZ(22.2473, 25.6985,
60.9145)**

Conversions

Conversions Part 1

Format	Color
Hex	2993CC
RGB	41, 147, 204
RGB Percent	16%, 58%, 80%
CMY	0.8392, 0.4235, 0.2000
CMYK	0.80, 0.28, 0.00, 0.20
HSL	201°, 67%, 48%
HSV	201°, 80%, 80%
XYZ	22.2473, 25.6985, 60.9145
YIQ	121.8040, -81.4730, -4.7450

Conversions

Conversions Part 2

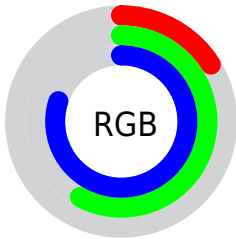
Format	Color
R_{YB}	41, 105, 204
Decimal	2724812
CIE _{Lab}	57.75, -9.75, -37.64
CIE _{LCh}	58, 38.884, 255.485
Yxy	25.6985, 0.2044, 0.2361
Android (android.graphics.Color)	4280914892 (0xFF2993CC)
YUV	121.8040, 40.5226, -70.8651
Hunter-Lab	50.6937, -10.3779, -35.7584

Details

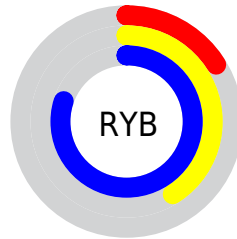
The XYZ color **22.2473, 25.6985, 60.9145** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **29.6717, 21.7358, 4.7308**, and the grayscale version is **18.3278, 19.2823, 20.9984**.

A 20% lighter version of the original color is **45.6187, 52.4380, 102.3249**, and **9.6995, 10.7193, 29.9916** is the 20% darker color. If you saturate the color by 10%, you get **20.5591, 23.2324, 60.5280**, and if you desaturate by 10%, it is **24.4274, 28.5211, 61.3450**.

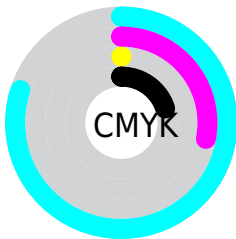
Distribution



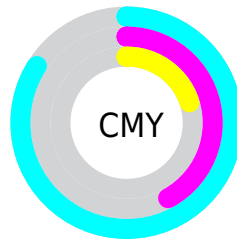
- Red (16%)
- Green (58%)
- Blue (80%)



- Red (16%)
- Yellow (41%)
- Blue (80%)



- Cyan (80%)
- Magenta (28%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2473, 25.6985, 60.9145 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 22.2473, 25.6985, 60.9145 by changing the saturation by 10% instead.

■ 22.2473, 25.6985,
60.9145

■ 22.2473, 25.6985,
60.9145

256.4432,
281.2989, 445.8583

■ 14.1563, 16.5982,
43.7261

■ 46.6302, 52.7882,
107.7115

■ 8.3119, 9.9485,
30.1196

■ 63.6529, 71.5463,
138.1570

■ 4.3487, 5.3648,
19.6766

■ 84.3835, 94.2926,
173.8588

■ 1.9012, 2.4628,
11.9784

■ 109.1874,
121.4113, 215.2352

■ 0.5775, 0.8579,
6.6066

■ 138.4300,
153.2869, 262.7048

■ 0.0000, 0.0000,
3.1426

172.4765,

■ 0.0000, 0.0000,

190.3038, 316.6862

1.1679

211.6925,
232.8463, 377.5978

■ 0.0000, 0.0000,
0.0000

■ 22.2473, 25.6985,
60.9145

■ 22.2473, 25.6985,
60.9145

■ 20.5591, 23.2324,
60.5280

■ 24.4274, 28.5211,
61.3450

■ 19.2529, 21.0631,
60.1781

■ 27.1550, 31.7296,
61.8205

■ 19.2399, 21.0412,
60.1746

■ 30.4806, 35.3520,
62.3444

■ 34.4478, 39.4125,
62.9191

■ 39.0958, 43.9331,
63.5466

■ 44.4606, 48.9338,
64.2291

■ 50.5754, 54.4335,
64.9684

■ 57.4713, 60.4496,
65.7662

■ 65.1776, 66.9988,
66.6241

Harmonies

Analogous

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



18.6651, 25.6985, 50.5670



22.2473, 25.6985, 60.9145



26.8977, 25.6985, 60.7259

Triad

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



22.2473, 25.6985, 60.9145



34.1217, 25.6985, 21.6722



18.5756, 25.6985, 13.5669

Complementary

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



22.2473, 25.6985, 60.9145



29.6717, 21.7358, 4.7308

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.



22.1099, 25.6985, 9.8173



22.2473, 25.6985, 60.9145



31.2641, 25.6985, 13.3782

Square

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



22.2473, 25.6985, 60.9145



34.1708, 25.6985, 34.9209



26.7418, 25.6985, 9.7615



16.7355, 25.6985, 22.0279

Rectangle

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



22.2473, 25.6985, 60.9145



30.0068, 25.6985, 54.5203



26.7418, 25.6985, 9.7615



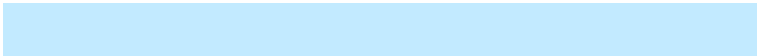
19.5833, 25.6985, 11.8518

Sweetspot

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



22.2482, 25.6994, 60.9152



69.5551, 77.2794, 105.8582



24.5894, 44.4904, 18.2001



14.2129, 15.9089, 22.5716



0.0000, 0.0000, 0.0000



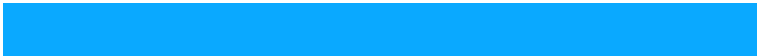
20.3446, 21.4041, 23.3091

Same Dimension

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



22.2482, 25.6994, 60.9152



32.4380, 35.8066, 99.8094



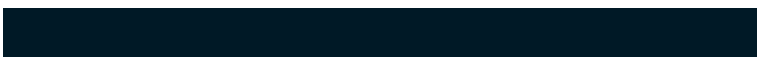
13.8923, 8.9874, 58.1298



11.2002, 12.0409, 14.3042



12.1998, 13.4236, 37.9043



0.6988, 0.8314, 1.9786

Inverse Universe

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



30.9621, 16.5311, 29.1634



48.5487, 24.3606, 39.8709



40.9925, 44.3775, 8.5044



11.5144, 11.3345, 13.2436



18.3688, 9.1581, 14.9267



0.9827, 0.4865, 0.9547

Previews

White Background



This preview shows how the XYZ color 22.2473, 25.6985, 60.9145 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 22.2473, 25.6985, 60.9145 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 22.2473, 25.6985, 60.9145

Background



This preview shows how black text looks on a background with the XYZ color 22.2473, 25.6985, 60.9145.

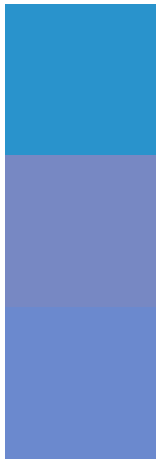


This preview shows how white text looks on a background with the XYZ color 22.2473, 25.6985,

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

22.2473, 25.6985, 60.9145

Protanopia

26.2622, 25.4704, 55.1619

Deuteranopia

26.1496, 25.4734, 61.9311



Tritanopia

18.1828, 25.4991, 39.5608

Trichromacy



Original Color

22.2473, 25.6985, 60.9145

Protanomaly

23.8855, 25.0575, 57.0038

Deuteranomaly

24.1116, 25.2965, 61.3695

Tritanomaly

19.4003, 25.4894, 46.5453

Monochromacy



Original Color

22.2473, 25.6985, 60.9145

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.2980, 20.8268, 32.7613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2473, 25.6985, 60.9145 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(41, 147, 204)` looks like.

```
.text, #text, p{  
    color:rgb(41, 147, 204)  
}
```

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(41, 147, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 147, 204) }
```

Border

The CSS property to change the border of an element to XYZ 22.2473, 25.6985, 60.9145 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(41, 147, 204) }
```


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

```
.border{ border-color:rgb(41, 147, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 147, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 147, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 147, 204);  
box-shadow:4px 4px 4px 4px rgb(41, 147,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2473, 25.6985, 60.9145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 147, 204) }
```

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

```
.background{ background-color: rgb(41, 147,  
204) }
```

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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