

Converting Colors

XYZ(22.2914, 25.5046, 61.1527)

Have a look what the booklet for
XYZ(22.2914, 25.5046, 61.1527)
contains.

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Color

**XYZ(22.2167, 25.4529,
60.8687)**

Conversions

Conversions Part 1

Format	Color
Hex	2C92CC
RGB	44, 146, 204
RGB Percent	17%, 57%, 80%
CMY	0.8274, 0.4274, 0.2000
CMYK	0.78, 0.28, 0.00, 0.20
HSL	202°, 65%, 49%
HSV	202°, 78%, 80%
XYZ	22.2167, 25.4529, 60.8687
YIQ	122.1140, -79.4100, -3.5860

Conversions

Conversions Part 2

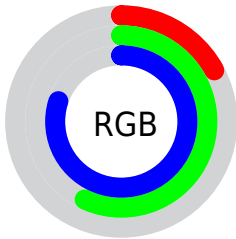
Format	Color
R_{YB}	44, 106, 204
Decimal	2921164
CIE _{Lab}	57.51, -8.87, -38.01
CIE _{LCh}	58, 39.029, 256.862
Yxy	25.4529, 0.2047, 0.2345
Android (android.graphics.Color)	4281111244 (0xFF2C92CC)
YUV	122.1140, 40.3698, -68.5060
Hunter-Lab	50.4509, -9.6842, -36.2175

Details

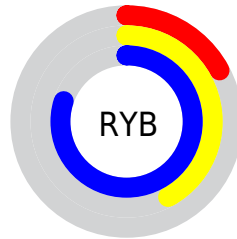
The XYZ color **22.2167, 25.4529, 60.8687** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **30.1096, 22.5247, 5.1450**, and the grayscale version is **18.4284, 19.3881, 21.1137**.

A 20% lighter version of the original color is **45.6437, 52.1060, 102.2595**, and **9.6077, 10.5357, 29.9610** is the 20% darker color. If you saturate the color by 10%, you get **20.4425, 22.9006, 60.4701**, and if you desaturate by 10%, it is **24.4969, 28.3763, 61.3133**.

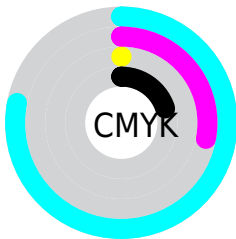
Distribution



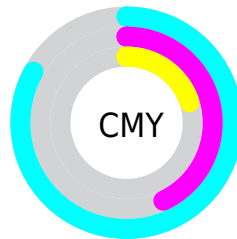
- Red (17%)
- Green (57%)
- Blue (80%)



- Red (17%)
- Yellow (42%)
- Blue (80%)



- Cyan (78%)
- Magenta (28%)
- Yellow (0%)
- Black (20%)



- Cyan (83%)
- Magenta (43%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2167, 25.4529, 60.8687 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 22.2167, 25.4529, 60.8687 by changing the saturation by 10% instead.

■ 22.2167, 25.4529,
60.8687

■ 22.2167, 25.4529,
60.8687

256.2870,
280.0860, 445.6856

■ 14.1337, 16.4148,
43.6893

■ 46.5801, 52.3910,
107.6445

■ 8.2960, 9.8182,
30.0910

■ 63.5912, 71.0598,
138.0780

■ 4.3384, 5.2786,
19.6550

■ 84.3090, 93.7076,
173.7666

■ 1.8953, 2.4116,
11.9629

■ 109.0990,
120.7189, 215.1289

■ 0.5741, 0.8319,
6.5962

■ 138.3264,
152.4780, 262.5834

■ 0.0000, 0.0000,
3.1363

172.3567,

■ 0.0000, 0.0000,

189.3692, 316.5487

1.1646

211.5551,
231.7771, 377.4433

■ 0.0000, 0.0000,
0.0000

■ 22.2167, 25.4529,
60.8687

■ 22.2167, 25.4529,
60.8687

■ 20.4425, 22.9006,
60.4701

■ 24.4969, 28.3763,
61.3133

■ 19.0840, 20.6697,
60.1111

■ 27.3373, 31.6996,
61.8051

■ 18.8879, 20.3371,
60.0572

■ 30.7875, 35.4507,
62.3473

■ 34.8904, 39.6537,
62.9423

■ 39.6850, 44.3304,
63.5923

■ 45.2068, 49.5010,
64.2993

■ 51.4889, 55.1843,
65.0651

■ 58.5622, 61.3980,
65.8917

■ 66.4559, 68.1588,
66.7806

Harmonies

Analogous

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



18.5802, 25.4529, 50.9077



22.2167, 25.4529, 60.8687



26.8790, 25.4529, 60.1440

Triad

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



22.2167, 25.4529, 60.8687



33.7952, 25.4529, 20.9312



18.2378, 25.4529, 13.6357

Complementary

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



22.2167, 25.4529, 60.8687



30.1096, 22.5247, 5.1450

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.



21.6907, 25.4529, 9.7239



22.2167, 25.4529, 60.8687



30.8338, 25.4529, 12.9155

Square

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



22.2167, 25.4529, 60.8687



33.9835, 25.4529, 33.9498



26.2815, 25.4529, 9.5113



16.4893, 25.4529, 22.2925

Rectangle

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



22.2167, 25.4529, 60.8687



29.9608, 25.4529, 53.6580



26.2815, 25.4529, 9.5113



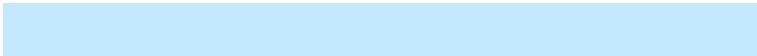
19.2161, 25.4529, 11.8625

Sweetspot

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



22.2176, 25.4538, 60.8693



69.3330, 76.8352, 105.7842



24.9331, 44.6422, 19.3616



14.1593, 15.8017, 22.5537



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.



22.2176, 25.4538, 60.8693



32.2736, 35.3675, 99.7333



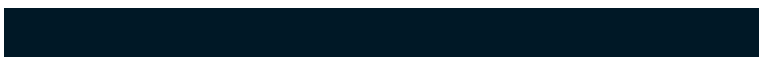
14.0063, 9.0311, 58.1322



11.1880, 12.0164, 14.3001



11.9793, 12.9825, 37.8308



0.6885, 0.8108, 1.9751

Inverse Universe

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



30.9917, 16.7152, 28.7878



48.4926, 24.4412, 39.2580



41.6788, 45.6631, 9.0014



11.5082, 11.3320, 13.2110



18.2575, 9.1136, 14.3404



0.9775, 0.4844, 0.9272

Previews

White Background



This preview shows how the XYZ color 22.2167, 25.4529, 60.8687 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 22.2167, 25.4529, 60.8687 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 22.2167, 25.4529, 60.8687

Background



This preview shows how black text looks on a background with the XYZ color 22.2167, 25.4529, 60.8687.

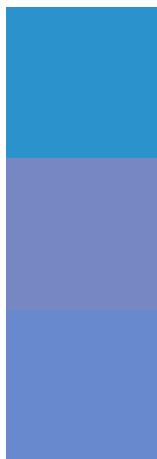


This preview shows how white text looks on a background with the XYZ color 22.2167, 25.4529,

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

22.2167, 25.4529, 60.8687

Protanopia

25.9855, 25.1196, 55.1087

Deuteranopia

25.9119, 25.3508, 61.9200



Tritanopia

18.1828, 25.4991, 39.5608

Trichromacy



Original Color

22.2167, 25.4529, 60.8687

Protanomaly

23.7400, 24.7666, 56.9553

Deuteranomaly

23.9648, 25.0029, 61.3206

Tritanomaly

19.2567, 25.1775, 46.4926

Monochromacy



Original Color

22.2167, 25.4529, 60.8687

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.3999, 20.8793, 32.7661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2167, 25.4529, 60.8687 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(44, 146, 204)` looks like.

```
.text, #text, p{  
    color:rgb(44, 146, 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(44, 146, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 146, 204) }
```

Border

The CSS property to change the border of an element to XYZ 22.2167, 25.4529, 60.8687 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(44, 146, 204) }
```


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

```
.border{ border-color:rgb(44, 146, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 146, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 146, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 146, 204);  
box-shadow:4px 4px 4px 4px rgb(44, 146,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2167, 25.4529, 60.8687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 146, 204) }
```

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

```
.background{ background-color: rgb(44, 146,  
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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