

Converting Colors

XYZ(22.7952, 24.4301, 62.5473)

Have a look what the booklet for
XYZ(22.7952, 24.4301, 62.5473)
contains.

XYZ(22.7549, 24.3511, 62.5324)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.7549, 24.3511,
62.5324)**

Conversions

Conversions Part 1

Format	Color
Hex	408CCF
RGB	64, 140, 207
RGB Percent	25%, 55%, 81%
CMY	0.7490, 0.4510, 0.1882
CMYK	0.69, 0.32, 0.00, 0.19
HSL	208°, 60%, 53%
HSV	208°, 69%, 81%
XYZ	22.7549, 24.3511, 62.5324
YIQ	124.9140, -66.8030, 4.7250

Conversions

Conversions Part 2

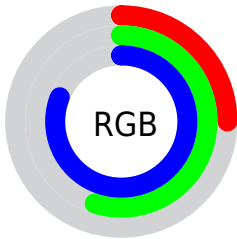
Format	Color
R _{YB}	64, 114, 207
Decimal	4230351
CIE Lab	56.44, -1.76, -41.35
CIE LCh	56, 41.389, 267.557
Yxy	24.3511, 0.2075, 0.2221
Android (android.graphics.Color)	4282420431 (0xFF408CCF)
YUV	124.9140, 40.4684, -53.4216
Hunter-Lab	49.3468, -4.0467, -40.5896

Details

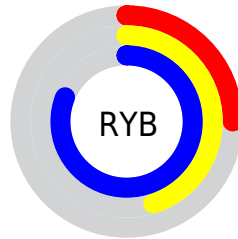
The XYZ color **22.7549, 24.3511, 62.5324** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **34.7754, 29.8706, 8.7846**, and the grayscale version is **19.3496, 20.3573, 22.1691**.

A 20% lighter version of the original color is **45.8724, 49.8720, 101.8163**, and **9.3237, 9.5793, 31.0633** is the 20% darker color. If you saturate the color by 10%, you get **20.2948, 21.0712, 62.0295**, and if you desaturate by 10%, it is **25.8412, 28.1400, 63.1016**.

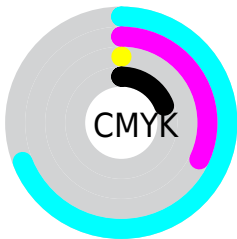
Distribution



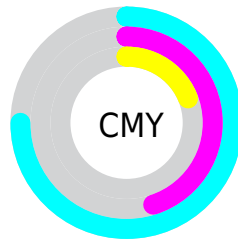
- Red (25%)
- Green (55%)
- Blue (81%)



- Red (25%)
- Yellow (45%)
- Blue (81%)



- Cyan (69%)
- Magenta (32%)
- Yellow (0%)
- Black (19%)



- Cyan (75%)
- Magenta (45%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7549, 24.3511, 62.5324 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 22.7549, 24.3511, 62.5324 by changing the saturation by 10% instead.

■ 22.7549, 24.3511,
62.5324

■ 22.7549, 24.3511,
62.5324

259.0225,
274.5907, 451.9316

■ 14.5323, 15.5943,
45.0245

■ 47.4602, 50.6025,
110.0737

■ 8.5760, 9.2375,
31.1336

■ 64.6736, 68.8659,
140.9441

■ 4.5206, 4.8964,
20.4413

■ 85.6147, 91.0670,
177.1058

■ 2.0006, 2.1866,
12.5290

■ 110.6488,
117.5901, 218.9772

■ 0.6343, 0.7127,
6.9781

■ 140.1413,
148.8196, 266.9770

■ 0.0000, 0.0000,
3.3702

174.4575,

■ 0.0000, 0.0000,

185.1400, 321.5236

1.2866

213.9628,
226.9355, 383.0356

■ 0.0000, 0.0000,
0.0508

■ 0.0000, 0.0000,
0.0000

■ 22.7549, 24.3511,
62.5324

■ 22.7549, 24.3511,
62.5324

■ 20.2948, 21.0712,
62.0295

■ 25.8412, 28.1400,
63.1016

■ 18.3963, 18.2611,
61.5871

■ 29.6034, 32.4671,
63.7385

■ 16.9605, 15.8653,
61.2004

■ 34.0892, 37.3617,
64.4468

■ 16.8396, 15.6590,
61.1669

■ 39.3406, 42.8497,
65.2293

■ 45.3963, 48.9552,
66.0887

■ 52.2922, 55.7009,
67.0272

■ 60.0618, 63.1078,
68.0474

■ 68.7369, 71.1961,
69.1514

■ 78.3474, 79.9851,
70.3413

Harmonies

Analogous

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



18.5501, 24.3511, 55.5618



22.7549, 24.3511, 62.5324



27.6696, 24.3511, 57.4220

Triad

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



22.7549, 24.3511, 62.5324



32.3015, 24.3511, 16.0933



16.2139, 24.3511, 14.7382

Complementary

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



22.7549, 24.3511, 62.5324



34.7754, 29.8706, 8.7846

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.



19.1426, 24.3511, 9.3382



22.7549, 24.3511, 62.5324



28.4421, 24.3511, 9.9098

Square

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



22.7549, 24.3511, 62.5324



33.6124, 24.3511, 27.6537



23.5395, 24.3511, 7.9355



15.1133, 24.3511, 25.4065

Rectangle

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



22.7549, 24.3511, 62.5324



30.6233, 24.3511, 48.5784



23.5395, 24.3511, 7.9355



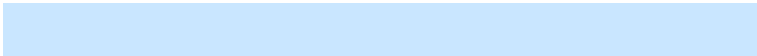
16.9955, 24.3511, 12.4069

Sweetspot

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



22.7558, 24.3519, 62.5330



70.5300, 76.2429, 105.6068



28.5070, 47.3479, 29.0165



14.5046, 15.7253, 22.5208



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.



22.7558, 24.3519, 62.5330



30.9211, 31.4613, 99.0507



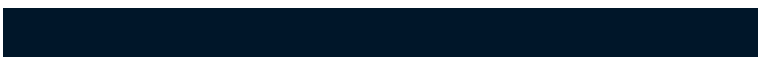
15.4918, 9.8240, 60.1117



11.6764, 12.4430, 15.0300



10.7052, 10.0570, 38.5695



0.6776, 0.7205, 2.1829

Inverse Universe

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



32.3000, 18.8268, 26.7430



48.1031, 25.4079, 33.7462



47.8336, 55.9869, 13.1373



12.0675, 11.9118, 13.6315



18.0342, 9.0865, 10.3523



1.0483, 0.5240, 0.7890

Previews

White Background



This preview shows how the XYZ color 22.7549, 24.3511, 62.5324 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 22.7549, 24.3511, 62.5324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

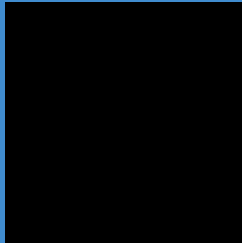
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.7549, 24.3511, 62.5324

Background



This preview shows how black text looks on a background with the XYZ color 22.7549, 24.3511, 62.5324.



This preview shows how white text looks on a background with the XYZ color 22.7549, 24.3511,

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

22.7549, 24.3511, 62.5324

Protanopia

25.2321, 24.0522, 57.9562

Deuteranopia

24.8400, 24.1456, 63.0259



Tritanopia

17.7159, 24.3441, 37.4834

Trichromacy



Original Color

22.7549, 24.3511, 62.5324

Protanomaly

24.0596, 24.0194, 59.8681

Deuteranomaly

23.9356, 24.0937, 63.0635

Tritanomaly

19.2696, 24.2644, 45.7874

Monochromacy



Original Color

22.7549, 24.3511, 62.5324

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.4925, 21.2154, 34.0780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7549, 24.3511, 62.5324 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(64, 140, 207)` looks like.

```
.text, #text, p{  
    color:rgb(64, 140, 207)  
}
```

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(64, 140, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 140, 207) }
```

Border

The CSS property to change the border of an element to XYZ 22.7549, 24.3511, 62.5324 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(64, 140, 207) }
```


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

```
.border{ border-color:rgb(64, 140, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 140, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 140, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 140, 207);  
box-shadow:4px 4px 4px 4px rgb(64, 140,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7549, 24.3511, 62.5324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 140, 207) }
```

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

```
.background{ background-color: rgb(64, 140,  
207) }
```

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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