

Converting Colors

XYZ(23.7505, 22.9541, 72.9908)

Have a look what the booklet for
XYZ(23.7505, 22.9541, 72.9908)
contains.

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Color

**XYZ(23.7505, 22.9541,
72.9908)**

Conversions

Conversions Part 1

Format	Color
Hex	4184DF
RGB	65, 132, 223
RGB Percent	25%, 52%, 87%
CMY	0.7451, 0.4823, 0.1255
CMYK	0.71, 0.41, 0.00, 0.13
HSL	215°, 71%, 56%
HSV	215°, 71%, 87%
XYZ	23.7505, 22.9541, 72.9908
YIQ	122.3410, -69.1430, 14.0970

Conversions

Conversions Part 2

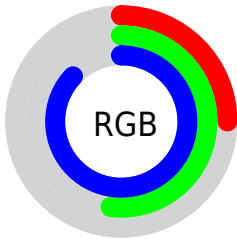
Format	Color
R _Y B	65, 112, 223
Decimal	4293855
CIE Lab	55.03, 8.79, -52.58
CIE LCh	55, 53.311, 279.488
Yxy	22.9541, 0.1984, 0.1918
Android (android.graphics.Color)	4282483935 (0xFF4184DF)
YUV	122.3410, 49.6249, -50.2881
Hunter-Lab	47.9104, 4.6440, -56.7901

Details

The XYZ color **23.7505, 22.9541, 72.9908** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **43.2760, 39.8498, 10.4134**, and the grayscale version is **18.4703, 19.4322, 21.1617**.

A 20% lighter version of the original color is **44.6049, 46.6638, 101.2638**, and **10.0683, 8.9765, 37.7612** is the 20% darker color. If you saturate the color by 10%, you get **20.9190, 19.0662, 72.3901**, and if you desaturate by 10%, it is **27.3807, 27.5726, 73.6914**.

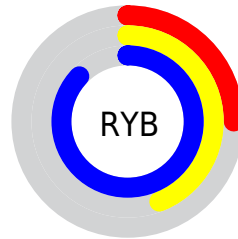
Distribution



Red (25%)

Green (52%)

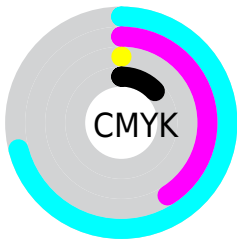
Blue (87%)



Red (25%)

Yellow (44%)

Blue (87%)

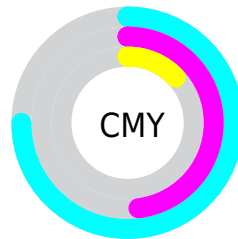


Cyan (71%)

Magenta (41%)

Yellow (0%)

Black (13%)



Cyan (75%)

Magenta (48%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7505, 22.9541, 72.9908 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 23.7505, 22.9541, 72.9908 by changing the saturation by 10% instead.

■ 23.7505, 22.9541,
72.9908

■ 23.7505, 22.9541,
72.9908

264.0206,
267.4892, 490.0529

■ 15.2724, 14.5596,
53.4767

■ 49.0804, 48.3179,
125.1849

■ 9.0983, 8.5109,
37.7931

■ 66.6629, 66.0561,
158.7020

■ 4.8630, 4.4236,
25.5216

■ 88.0108, 87.6776,
197.7239

■ 2.2010, 1.9132,
16.2435

■ 113.4897,
113.5669, 242.6689

■ 0.7433, 0.5563,
9.5404

■ 143.4647,
144.1082, 293.9559

■ 0.0000, 0.0000,
4.9937

178.3013,

■ 0.0000, 0.0000,

179.6862, 352.0031

2.1849

218.3648,
220.6850, 417.2293

■ 0.0000, 0.0000,
0.6656

■ 0.0000, 0.0000,
0.0000

■ 23.7505, 22.9541,
72.9908

■ 23.7505, 22.9541,
72.9908

■ 20.9190, 19.0662,
72.3901

■ 27.3807, 27.5726,
73.6914

■ 18.8026, 15.8535,
71.8815

■ 31.8754, 32.9659,
74.4956

■ 17.3718, 13.4327,
71.4897

■ 37.2961, 39.1763,
75.4086

■ 43.6975, 46.2418,
76.4350

■ 51.1297, 54.1980,
77.5789

■ 59.6392, 63.0779,
78.8444

■ 69.2696, 72.9129,
80.2352

■ 80.0618, 83.7326,
81.7548

■ 88.0041, 93.4771,
83.2171

Harmonies

Analogous

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



18.0623, 22.9541, 69.7250



23.7505, 22.9541, 72.9908



29.8974, 22.9541, 59.5958

Triad

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



23.7505, 22.9541, 72.9908



31.8483, 22.9541, 9.4519



12.7887, 22.9541, 15.2116

Complementary

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



23.7505, 22.9541, 72.9908



43.2760, 39.8498, 10.4134

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.



15.3422, 22.9541, 7.3177



23.7505, 22.9541, 72.9908



26.0595, 22.9541, 5.1922

Square

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



23.7505, 22.9541, 72.9908



35.1001, 22.9541, 19.9891



19.9917, 22.9541, 4.6435



12.3959, 22.9541, 30.7694

Rectangle

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



23.7505, 22.9541, 72.9908



33.1832, 22.9541, 45.4985



19.9917, 22.9541, 4.6435



13.3974, 22.9541, 11.8137

Sweetspot

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



23.7514, 22.9548, 72.9914



68.9563, 73.0954, 105.0822



34.4461, 56.2509, 39.8493



14.1316, 14.9792, 22.3964



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.



23.7514, 22.9548, 72.9914



26.8621, 23.6439, 97.7557



18.1545, 10.6273, 70.9069



13.4274, 14.1939, 17.4197



10.3210, 8.1116, 42.0701



0.8027, 0.7369, 2.9452

Inverse Universe

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



36.4874, 21.1358, 23.9868



45.9809, 24.2782, 23.4371



54.6287, 67.2242, 15.0988



13.9472, 13.7965, 15.4921



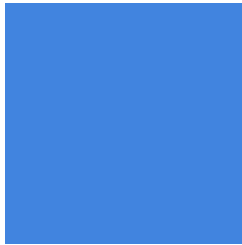
19.1498, 9.7269, 7.4544



1.3714, 0.6918, 0.7488

Previews

White Background



This preview shows how the XYZ color 23.7505, 22.9541, 72.9908 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 23.7505, 22.9541, 72.9908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

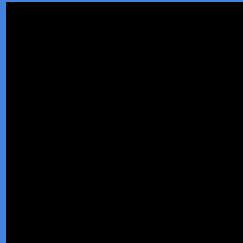
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

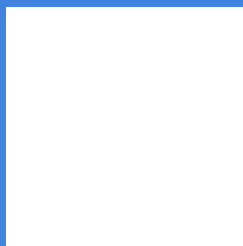
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.7505, 22.9541, 72.9908

Background



This preview shows how black text looks on a background with the XYZ color 23.7505, 22.9541, 72.9908.



This preview shows how white text looks on a background with the XYZ color 23.7505, 22.9541,

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

23.7505, 22.9541, 72.9908

Protanopia

25.0196, 22.8800, 70.1154

Deuteranopia

23.6849, 22.9202, 72.9878



Tritanopia

16.2112, 22.6851, 35.4225

Trichromacy



Original Color

23.7505, 22.9541, 72.9908

Protanomaly

24.3358, 22.7068, 70.8104

Deuteranomaly

23.6849, 22.9202, 72.9878

Tritanomaly

18.0953, 22.2866, 47.0641

Monochromacy



Original Color

23.7505, 22.9541, 72.9908

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.0857, 20.1916, 35.6923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7505, 22.9541, 72.9908 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(65, 132, 223)` looks like.

```
.text, #text, p{  
    color:rgb(65, 132, 223)  
}
```

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(65, 132, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 132, 223) }
```

Border

The CSS property to change the border of an element to XYZ 23.7505, 22.9541, 72.9908 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(65, 132, 223) }
```


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

```
.border{ border-color:rgb(65, 132, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 132, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 132, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 132, 223);  
box-shadow:4px 4px 4px 4px rgb(65, 132,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7505, 22.9541, 72.9908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 132, 223) }
```

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

```
.background{ background-color: rgb(65, 132,  
223) }
```

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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