

Converting Colors

XYZ(24.4114, 25.2206, 71.6747)

Have a look what the booklet for
XYZ(24.4114, 25.2206, 71.6747)
contains.

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Color

**XYZ(24.5005, 25.2623,
71.9914)**

Conversions

Conversions Part 1

Format	Color
Hex	3D8DDD
RGB	61, 141, 221
RGB Percent	24%, 55%, 87%
CMY	0.7607, 0.4471, 0.1333
CMYK	0.72, 0.36, 0.00, 0.13
HSL	210°, 70%, 55%
HSV	210°, 72%, 87%
XYZ	24.5005, 25.2623, 71.9914
YIQ	126.2000, -73.3600, 7.9200

Conversions

Conversions Part 2

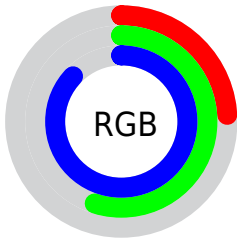
Format	Color
R_{YB}	61, 114, 221
Decimal	4034013
CIE _{Lab}	57.33, 2.13, -47.80
CIE _{LCh}	57, 47.852, 272.555
Yxy	25.2623, 0.2012, 0.2075
Android (android.graphics.Color)	4282224093 (0xFF3D8DDD)
YUV	126.2000, 46.7364, -57.1804
Hunter-Lab	50.2616, -0.9463, -49.7399

Details

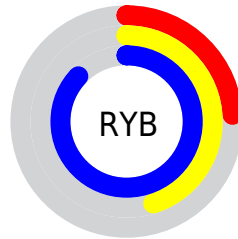
The XYZ color **24.5005, 25.2623, 71.9914** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **40.1881, 34.7622, 9.0081**, and the grayscale version is **19.7645, 20.7938, 22.6444**.

A 20% lighter version of the original color is **46.0942, 50.3156, 101.8902**, and **10.5326, 10.1988, 37.0107** is the 20% darker color. If you saturate the color by 10%, you get **21.8607, 21.6023, 71.4246**, and if you desaturate by 10%, it is **27.8651, 29.5379, 72.6399**.

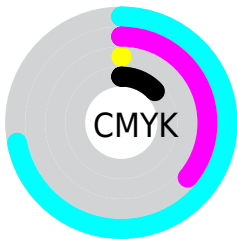
Distribution



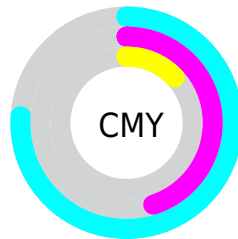
- Red (24%)
- Green (55%)
- Blue (87%)



- Red (24%)
- Yellow (45%)
- Blue (87%)



- Cyan (72%)
- Magenta (36%)
- Yellow (0%)
- Black (13%)



- Cyan (76%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5005, 25.2623, 71.9914 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 24.5005, 25.2623, 71.9914 by changing the saturation by 10% instead.

■ 24.5005, 25.2623,
71.9914

■ 24.5005, 25.2623,
71.9914

267.7349,
279.1417, 486.4884

■ 15.8320, 16.2726,
52.6649

■ 50.2945, 52.0824,
123.7519

■ 9.4955, 9.7172,
37.1494

■ 68.1507, 70.6816,
157.0230

■ 5.1254, 5.2119,
25.0265

■ 89.8002, 93.2528,
195.7793

■ 2.3566, 2.3721,
15.8776

■ 115.6084,
120.1803, 240.4393

■ 0.8234, 0.8115,
9.2842

■ 145.9407,
151.8486, 291.4218

■ 0.0000, 0.0000,
4.8277

181.1622,

■ 0.0000, 0.0000,

188.6419, 349.1451

2.0895

221.6385,
230.9449, 414.0277

■ 0.0000, 0.0000,
0.6095

■ 0.0000, 0.0000,
0.0000

■ 24.5005, 25.2623,
71.9914

■ 24.5005, 25.2623,
71.9914

■ 21.8607, 21.6023,
71.4246

■ 27.8651, 29.5379,
72.6399

■ 19.8640, 18.5078,
70.9326

■ 32.0173, 34.4675,
73.3725

■ 18.6806, 16.4792,
70.6034

■ 37.0158, 40.0879,
74.1939

■ 42.9126, 46.4322,
75.1077

■ 49.7550, 53.5309,
76.1173

■ 57.5868, 61.4123,
77.2258

■ 66.4490, 70.1033,
78.4362

■ 76.3801, 79.6291,
79.7514

■ 85.5862, 89.0704,
81.0886

Harmonies

Analogous

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



19.3274, 25.2623, 65.5754



24.5005, 25.2623, 71.9914



30.3704, 25.2623, 63.1219

Triad

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



24.5005, 25.2623, 71.9914



34.4257, 25.2623, 13.8906



15.5751, 25.2623, 15.4767

Complementary

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



24.5005, 25.2623, 71.9914



40.1881, 34.7622, 9.0081

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.



18.6079, 25.2623, 8.6866



24.5005, 25.2623, 71.9914



29.3961, 25.2623, 8.0568

Square

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



24.5005, 25.2623, 71.9914



36.6363, 25.2623, 26.1374



23.5282, 25.2623, 6.6158



14.6812, 25.2623, 28.9223

Rectangle

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



24.5005, 25.2623, 71.9914



33.7516, 25.2623, 51.2002



23.5282, 25.2623, 6.6158



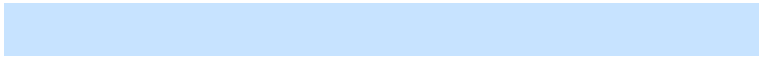
16.3519, 25.2623, 12.5519

Sweetspot

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



24.5015, 25.2631, 71.9921



69.0316, 74.2584, 105.3027



32.5900, 54.6290, 34.0285



14.1917, 15.2959, 22.4544



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.



24.5015, 25.2631, 71.9921



28.6657, 27.5131, 98.4075



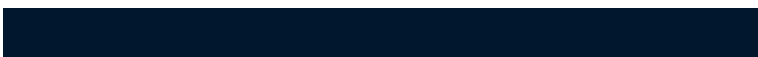
16.6458, 9.5517, 69.3735



12.8738, 13.6874, 16.6156



10.9651, 9.7997, 41.0520



0.7966, 0.8072, 2.6883

Inverse Universe

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



36.2962, 20.6341, 27.2696



46.8273, 24.3718, 28.6492



56.5183, 67.4226, 14.4515



13.3262, 13.1596, 14.9790



19.0300, 9.6131, 9.8041



1.2764, 0.6402, 0.8642

Previews

White Background



This preview shows how the XYZ color 24.5005, 25.2623, 71.9914 looks on a white background.

Color Contrast Check

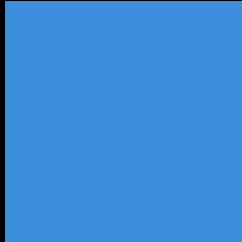
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5005, 25.2623, 71.9914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

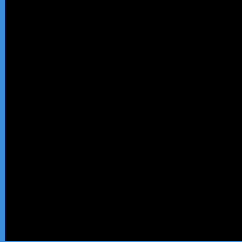
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5005, 25.2623, 71.9914

Background



This preview shows how black text looks on a background with the XYZ color 24.5005, 25.2623, 71.9914.



This preview shows how white text looks on a background with the XYZ color 24.5005, 25.2623,

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

24.5005, 25.2623, 71.9914

Protanopia

26.8542, 25.0823, 67.7160

Deuteranopia

25.8768, 25.0965, 72.5875



Tritanopia

17.9291, 25.1368, 39.0289

Trichromacy



Original Color

24.5005, 25.2623, 71.9914

Protanomaly

25.6865, 25.0747, 69.1317

Deuteranomaly

25.2538, 24.9874, 72.5993

Tritanomaly

19.6777, 24.8532, 49.6590

Monochromacy



Original Color

24.5005, 25.2623, 71.9914

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.0288, 21.6306, 36.8377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5005, 25.2623, 71.9914 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(61, 141, 221)` looks like.

```
.text, #text, p{  
    color:rgb(61, 141, 221)  
}
```

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(61, 141, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 141, 221) }
```

Border

The CSS property to change the border of an element to XYZ 24.5005, 25.2623, 71.9914 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(61, 141, 221) }
```


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

```
.border{ border-color:rgb(61, 141, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 141, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 141, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 141, 221);  
box-shadow:4px 4px 4px 4px rgb(61, 141,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5005, 25.2623, 71.9914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 141, 221) }
```

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

```
.background{ background-color: rgb(61, 141,  
221) }
```

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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