

Converting Colors

XYZ(24.9577, 24.6228, 62.1510)

Have a look what the booklet for
XYZ(24.9577, 24.6228, 62.1510)
contains.

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Color

**XYZ(24.9964, 24.6547,
62.4729)**

Conversions

Conversions Part 1

Format	Color
Hex	6188CF
RGB	97, 136, 207
RGB Percent	38%, 53%, 81%
CMY	0.6196, 0.4667, 0.1882
CMYK	0.53, 0.34, 0.00, 0.19
HSL	219°, 53%, 60%
HSV	219°, 53%, 81%
XYZ	24.9964, 24.6547, 62.4729
YIQ	132.4330, -46.0350, 13.8130

Conversions

Conversions Part 2

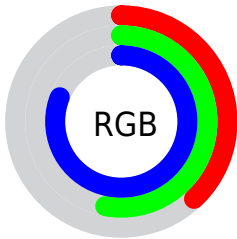
Format	Color
R_{YB}	97, 126, 207
Decimal	6392015
CIE Lab	56.74, 6.82, -40.78
CIE LCh	57, 41.348, 279.494
Yxy	24.6547, 0.2229, 0.2199
Android (android.graphics.Color)	4284582095 (0xFF6188CF)
YUV	132.4330, 36.7615, -31.0747
Hunter-Lab	49.6535, 2.9663, -39.8399

Details

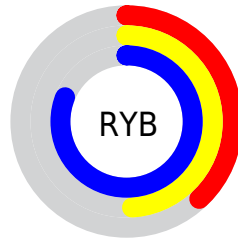
The XYZ color **24.9964, 24.6547, 62.4729** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **41.8936, 42.1354, 17.2354**, and the grayscale version is **21.9725, 23.1168, 25.1742**.

A 20% lighter version of the original color is **49.5740, 50.4852, 101.7395**, and **9.7688, 9.4407, 31.0131** is the 20% darker color. If you saturate the color by 10%, you get **21.3058, 20.1310, 61.7947**, and if you desaturate by 10%, it is **29.4988, 29.9460, 63.2574**.

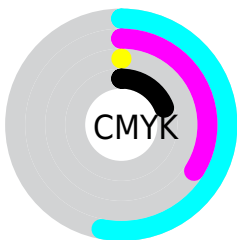
Distribution



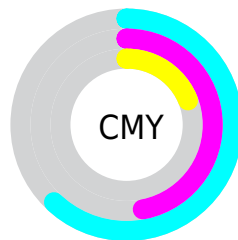
- Red (38%)
- Green (53%)
- Blue (81%)



- Red (38%)
- Yellow (49%)
- Blue (81%)



- Cyan (53%)
- Magenta (34%)
- Yellow (0%)
- Black (19%)



- Cyan (62%)
- Magenta (47%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9964, 24.6547, 62.4729 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 24.9964, 24.6547, 62.4729 by changing the saturation by 10% instead.

■ 24.9964, 24.6547,
62.4729

■ 24.9964, 24.6547,
62.4729

270.1680,
276.1139, 451.7092

■ 16.2031, 15.8200,
44.9767

■ 51.0943, 51.0965,
109.9869

■ 9.7597, 9.3969,
31.0962

■ 69.1296, 69.4724,
140.8418

■ 5.3010, 5.0009,
20.4131

■ 90.9763, 91.7974,
176.9866

■ 2.4615, 2.2478,
12.5086

■ 116.9998,
118.4560, 218.8400

■ 0.8759, 0.7459,
6.9643

147.5653,
149.8325, 266.8204

■ 0.0000, 0.0000,
3.3617

183.0383,

■ 0.0000, 0.0000,

186.3115, 321.3463

1.2822

223.7840,
228.2771, 382.8364

■ 0.0000, 0.0000,
0.0471

■ 0.0000, 0.0000,
0.0000

■ 24.9964, 24.6547,
62.4729

■ 24.9964, 24.6547,
62.4729

■ 21.3058, 20.1310,
61.7947

■ 29.4988, 29.9460,
63.2574

■ 18.3700, 16.3314,
61.2161

■ 34.8593, 36.0396,
64.1511

■ 16.1279, 13.2115,
60.7321

■ 41.1237, 42.9710,
65.1588

■ 14.5063, 10.7190,
60.3364

■ 48.3336, 50.7728,
66.2847

■ 13.6707, 9.3213,
60.1107

■ 56.5279, 59.4755,
67.5326

■ 65.7433, 69.1081,
68.9062

■ 76.0145, 79.6984,
70.4089

■ 84.5209, 89.8016,
71.9107

■ 88.2626, 97.2850,
73.1580

Harmonies

Analogous

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



20.3335, 24.6547, 60.1856



24.9964, 24.6547, 62.4729



29.8386, 24.6547, 52.9903

Triad

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



24.9964, 24.6547, 62.4729



31.3410, 24.6547, 13.2510



15.7782, 24.6547, 18.5764

Complementary

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



24.9964, 24.6547, 62.4729



41.8936, 42.1354, 17.2354

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.



18.0177, 24.6547, 11.1257



24.9964, 24.6547, 62.4729



26.8336, 24.6547, 8.8643

Square

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



24.9964, 24.6547, 62.4729



33.8189, 24.6547, 22.6988



21.9372, 24.6547, 8.2492



15.4271, 24.6547, 31.4672

Rectangle

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



24.9964, 24.6547, 62.4729



32.3636, 24.6547, 42.7051



21.9372, 24.6547, 8.2492



16.3188, 24.6547, 15.4962

Sweetspot

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



24.9973, 24.6556, 62.4735



73.7666, 77.3996, 105.6594



34.1878, 49.9455, 44.2376



15.2677, 16.0035, 22.5342



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.



24.9973, 24.6556, 62.4735



33.2958, 31.1892, 98.8730



22.1781, 16.4786, 61.0438



11.5017, 12.0937, 14.9718



8.6944, 6.0353, 37.8992



0.5601, 0.4854, 2.1437

Inverse Universe

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



34.4516, 23.5935, 26.0315



50.5275, 31.0707, 32.0448



46.2940, 56.7394, 19.8223



11.9794, 11.8765, 13.1672



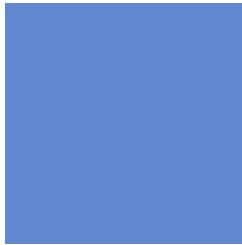
17.0192, 8.6805, 5.0075



0.9890, 0.5003, 0.4766

Previews

White Background



This preview shows how the XYZ color 24.9964, 24.6547, 62.4729 looks on a white background.

Color Contrast Check

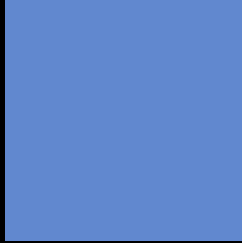
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9964, 24.6547, 62.4729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

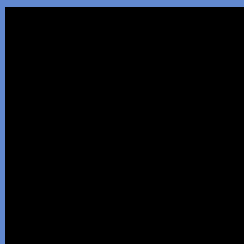
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.9964, 24.6547, 62.4729

Background



This preview shows how black text looks on a background with the XYZ color 24.9964, 24.6547, 62.4729.

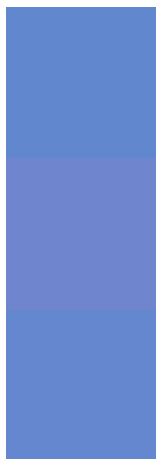


This preview shows how white text looks on a background with the XYZ color 24.9964, 24.6547,

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

24.9964, 24.6547, 62.4729

Protanopia

25.9625, 24.5623, 61.1302

Deuteranopia

25.2933, 24.5996, 62.4466



Tritanopia

19.7587, 24.7319, 36.0801

Trichromacy



Original Color

24.9964, 24.6547, 62.4729

Protanomaly

25.6095, 24.5706, 61.7854

Deuteranomaly

25.1820, 24.5423, 62.4414

Tritanomaly

21.3472, 24.4590, 44.6702

Monochromacy



Original Color

24.9964, 24.6547, 62.4729

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.2533, 23.2002, 36.1061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9964, 24.6547, 62.4729 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(97, 136, 207)` looks like.

```
.text, #text, p{  
    color:rgb(97, 136, 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(97, 136, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 136, 207) }
```

Border

The CSS property to change the border of an element to XYZ 24.9964, 24.6547, 62.4729 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(97, 136, 207) }
```


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

```
.border{ border-color:rgb(97, 136, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 136, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 136, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 136, 207);  
box-shadow:4px 4px 4px 4px rgb(97, 136,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9964, 24.6547, 62.4729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 136, 207) }
```

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

```
.background{ background-color: rgb(97, 136,  
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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