

Converting Colors

XYZ(24.0536, 23.6251, 49.7467)

Have a look what the booklet for
XYZ(24.0536, 23.6251, 49.7467)
contains.

XYZ(24.0536, 23.6251, 49.7467)	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(24.0536, 23.6251,
49.7467)**

Conversions

Conversions Part 1

Format	Color
Hex	7284BA
RGB	114, 132, 186
RGB Percent	45%, 52%, 73%
CMY	0.5529, 0.4823, 0.2706
CMYK	0.39, 0.29, 0.00, 0.27
HSL	225°, 34%, 59%
HSV	225°, 39%, 73%
XYZ	24.0536, 23.6251, 49.7467
YIQ	132.7740, -28.0620, 12.9780

Conversions

Conversions Part 2

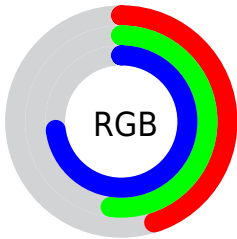
Format	Color
RYB	114, 128, 186
Decimal	7505082
CIELab	55.71, 7.17, -30.40
CIELCh	56, 31.234, 283.267
Yxy	23.6251, 0.2469, 0.2425
Android (android.graphics.Color)	4285695162 (0xFF7284BA)
YUV	132.7740, 26.2404, -16.4648
Hunter-Lab	48.6057, 3.2748, -26.6579

Details

The XYZ color **24.0536, 23.6251, 49.7467** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **37.2902, 39.6599, 21.6102**, and the grayscale version is **22.1279, 23.2802, 25.3522**.

A 20% lighter version of the original color is **49.5244, 49.4336, 90.9358**, and **9.3135, 8.9041, 23.4181** is the 20% darker color. If you saturate the color by 10%, you get **20.1089, 18.9689, 49.0563**, and if you desaturate by 10%, it is **28.7449, 29.0426, 50.5456**.

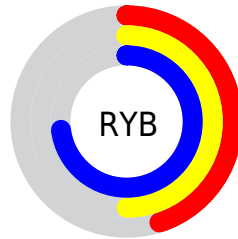
Distribution



Red (45%)

Green (52%)

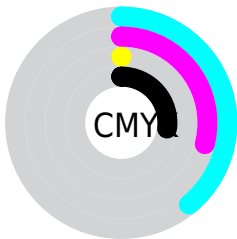
Blue (73%)



Red (45%)

Yellow (50%)

Blue (73%)

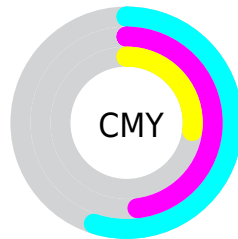


Cyan (39%)

Magenta (29%)

Yellow (0%)

Black (27%)



Cyan (55%)

Magenta (48%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0536, 23.6251, 49.7467 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 24.0536, 23.6251, 49.7467 by changing the saturation by 10% instead.

■ 24.0536, 23.6251,
49.7467

■ 24.0536, 23.6251,
49.7467

265.5268,
270.9196, 402.3812

■ 15.4983, 15.0558,
34.8424

■ 49.5717, 49.4177,
91.1919

■ 9.2585, 8.8585,
23.2589

■ 67.2652, 67.4098,
118.5699

■ 4.9686, 4.6490,
14.5777

■ 88.7356, 89.3115,
150.9428

■ 2.2634, 2.0428,
8.3802

114.3481,
115.5074, 188.7293

■ 0.7758, 0.6322,
4.2480

144.4681,
146.3817, 232.3479

■ 0.0000, 0.0000,
1.7623

179.4610,

■ 0.0000, 0.0000,

182.3189, 282.2170

0.4029

219.6921,
223.7034, 338.7553

■ 0.0000, 0.0000,
0.0000

■ 24.0536, 23.6251,
49.7467

■ 24.0536, 23.6251,
49.7467

■ 20.1089, 18.9689,
49.0563

■ 28.7449, 29.0426,
50.5456

■ 16.8683, 15.0360,
48.4680

■ 34.2172, 35.2518,
51.4556

■ 14.2888, 11.7889,
47.9772

■ 40.5057, 42.2845,
52.4816

■ 12.3211, 9.1852,
47.5783

■ 47.6426, 50.1700,
53.6275

■ 10.9087, 7.1774,
47.2652

■ 55.6586, 58.9362,
54.8971

■ 9.9624, 5.6994,
47.0298

■ 64.5826, 68.6095,
56.2939

■ 9.8597, 5.5385,
47.0042

■ 74.4422, 79.2153,
57.8214

■ 82.3343, 89.2679,
59.3457

■ 85.8630, 96.3252,
60.5220

Harmonies

Analogous

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



20.5515, 23.6251, 49.2744



24.0536, 23.6251, 49.7467



27.4512, 23.6251, 42.6911

Triad

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



24.0536, 23.6251, 49.7467



27.7854, 23.6251, 14.5418



16.5465, 23.6251, 20.5091

Complementary

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



24.0536, 23.6251, 49.7467



37.2902, 39.6599, 21.6102

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.



18.1050, 23.6251, 13.9791



24.0536, 23.6251, 49.7467



24.4724, 23.6251, 11.2064

Square

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



24.0536, 23.6251, 49.7467



29.7535, 23.6251, 21.5042



20.9287, 23.6251, 11.0319



16.4597, 23.6251, 30.4620

Rectangle

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



24.0536, 23.6251, 49.7467



29.0997, 23.6251, 35.5278



20.9287, 23.6251, 11.0319



16.9075, 23.6251, 17.9129

Sweetspot

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



24.0544, 23.6260, 49.7473



69.2682, 72.0205, 94.4519



31.5669, 41.5229, 43.3974



14.9217, 15.4889, 20.7458



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.0544, 23.6260, 49.7473



37.7381, 35.9206, 89.1458



24.3968, 20.4862, 49.1232



8.6987, 9.0746, 11.3725



6.6845, 3.8287, 31.6398



0.2863, 0.2363, 1.1323

Inverse Universe

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



30.4326, 24.1405, 24.8863



51.0250, 37.5964, 37.2201



36.7452, 44.6581, 22.6037



9.0943, 9.0481, 9.8438



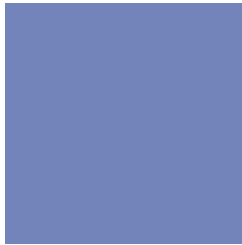
13.9877, 7.1688, 2.5562



0.5187, 0.2629, 0.2248

Previews

White Background



This preview shows how the XYZ color 24.0536, 23.6251, 49.7467 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 24.0536, 23.6251, 49.7467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

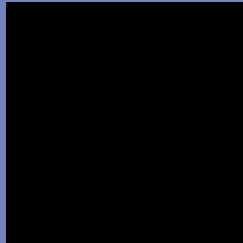
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

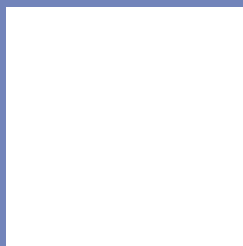
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0536, 23.6251, 49.7467

Background



This preview shows how black text looks on a background with the XYZ color 24.0536, 23.6251, 49.7467.



This preview shows how white text looks on a background with the XYZ color 24.0536, 23.6251,

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

24.0536, 23.6251, 49.7467

Protanopia

24.2094, 23.5173, 49.1623

Deuteranopia

24.1844, 23.6925, 49.7528



Tritanopia

20.5633, 23.6705, 32.3392

Trichromacy



Original Color

24.0536, 23.6251, 49.7467

Protanomaly

24.0757, 23.4484, 49.1560

Deuteranomaly

24.1844, 23.6925, 49.7528

Tritanomaly

21.5994, 23.4408, 38.0365

Monochromacy



Original Color

24.0536, 23.6251, 49.7467

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.6592, 23.4777, 33.0431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0536, 23.6251, 49.7467 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(114, 132, 186)` looks like.

```
.text, #text, p{  
    color:rgb(114, 132, 186)  
}
```

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(114, 132, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 132, 186) }
```

Border

The CSS property to change the border of an element to XYZ 24.0536, 23.6251, 49.7467 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(114, 132, 186) }
```


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

```
.border{ border-color:rgb(114, 132, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 132, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 132, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 132, 186);  
box-shadow:4px 4px 4px 4px rgb(114, 132,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0536, 23.6251, 49.7467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 132, 186) }
```

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

```
.background{ background-color: rgb(114,  
132, 186) }
```

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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