

Converting Colors

XYZ(23.2868, 22.9450, 46.7466)

Have a look what the booklet for
XYZ(23.2868, 22.9450, 46.7466)
contains.

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Color

**XYZ(23.2626, 22.8789,
46.9061)**

Conversions

Conversions Part 1

Format	Color
Hex	7282B5
RGB	114, 130, 181
RGB Percent	45%, 51%, 71%
CMY	0.5529, 0.4902, 0.2902
CMYK	0.37, 0.28, 0.00, 0.29
HSL	226°, 31%, 58%
HSV	226°, 37%, 71%
XYZ	23.2626, 22.8789, 46.9061
YIQ	131.0300, -25.9070, 12.4690

Conversions

Conversions Part 2

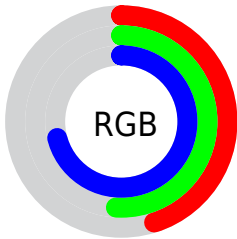
Format	Color
R_{YB}	114, 127, 181
Decimal	7504565
CIE _{Lab}	54.95, 6.95, -28.73
CIE _{LCh}	55, 29.556, 283.603
Yxy	22.8789, 0.2500, 0.2459
Android (android.graphics.Color)	4285694645 (0xFF7282B5)
YUV	131.0300, 24.6352, -14.9353
Hunter-Lab	47.8319, 3.1060, -24.6601

Details

The XYZ color **23.2626, 22.8789, 46.9061** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **35.5491, 37.9497, 21.3719**, and the grayscale version is **21.5062, 22.6262, 24.6400**.

A 20% lighter version of the original color is **48.3680, 48.3062, 86.8955**, and **8.8253, 8.4675, 21.5913** is the 20% darker color. If you saturate the color by 10%, you get **19.4256, 18.3604, 46.2366**, and if you desaturate by 10%, it is **27.8125, 28.1301, 47.6803**.

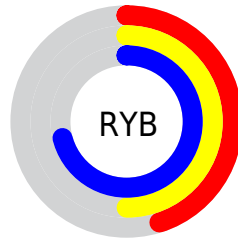
Distribution



Red (45%)

Green (51%)

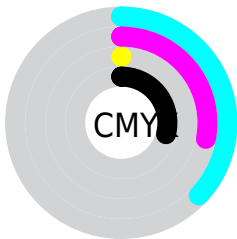
Blue (71%)



Red (45%)

Yellow (50%)

Blue (71%)

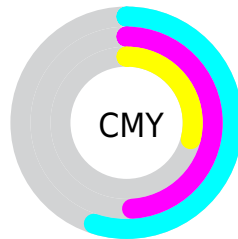


Cyan (37%)

Magenta (28%)

Yellow (0%)

Black (29%)



Cyan (55%)

Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2626, 22.8789, 46.9061 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 23.2626, 22.8789, 46.9061 by changing the saturation by 10% instead.

■ 23.2626, 22.8789,
46.9061

■ 23.2626, 22.8789,
46.9061

261.5811,
267.1024, 390.8225

■ 14.9093, 14.5041,
32.6076

■ 48.2876, 48.1944,
86.9220

■ 8.8416, 8.4721,
21.5574

■ 65.6901, 65.9039,
113.4764

■ 4.6943, 4.3985,
13.3368

■ 86.8396, 87.4938,
144.9533

■ 2.1019, 1.8989,
7.5274

112.1016,
113.3484, 181.7711

■ 0.6903, 0.5477,
3.7107

141.8414,
143.8522, 224.3483

■ 0.0000, 0.0000,
1.4680

176.4243,

■ 0.0000, 0.0000,

179.3895, 273.1037

0.1939

216.2158,
220.3448, 328.4555

■ 0.0000, 0.0000,
0.0000

■ 23.2626, 22.8789,
46.9061

■ 23.2626, 22.8789,
46.9061

■ 19.4256, 18.3604,
46.2366

■ 27.8125, 28.1301,
47.6803

■ 16.2618, 14.5385,
45.6656

■ 33.1073, 34.1427,
48.5618

■ 13.7311, 11.3775,
45.1889

■ 39.1801, 40.9472,
49.5551

■ 11.7880, 8.8376,
44.8010

■ 46.0612, 48.5713,
50.6640

■ 10.3804, 6.8740,
44.4962

■ 53.7791, 57.0416,
51.8922

■ 9.4382, 5.4311,
44.2674

■ 62.3611, 66.3834,
53.2430

■ 9.2126, 5.0803,
44.2115

■ 71.8331, 76.6208,
54.7198

■ 80.8067, 87.0485,
56.2596

■ 85.0230, 95.4811,
57.6650

Harmonies

Analogous

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



20.0140, 22.8789, 46.5595



23.2626, 22.8789, 46.9061



26.3903, 22.8789, 40.4082

Triad

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



23.2626, 22.8789, 46.9061



26.6384, 22.8789, 14.4178



16.2406, 22.8789, 20.1537

Complementary

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



23.2626, 22.8789, 46.9061



35.5491, 37.9497, 21.3719

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.



17.6808, 22.8789, 13.9898



23.2626, 22.8789, 46.9061



23.5745, 22.8789, 11.2935

Square

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



23.2626, 22.8789, 46.9061



28.4676, 22.8789, 20.9010



20.2962, 22.8789, 11.1596



16.1752, 22.8789, 29.4041

Rectangle

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



23.2626, 22.8789, 46.9061



27.8964, 22.8789, 33.8324



20.2962, 22.8789, 11.1596



16.5729, 22.8789, 17.7148

Sweetspot

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



23.2634, 22.8798, 46.9066



65.4633, 68.0791, 87.9849



30.1875, 39.3151, 41.2387



13.8362, 14.3640, 18.9655



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



23.2634, 22.8798, 46.9066



36.2489, 34.6162, 83.0657



23.6801, 20.1771, 46.3630



8.2013, 8.5488, 10.7242



6.3970, 3.5944, 30.4936



0.2470, 0.2046, 0.9747

Inverse Universe

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



29.1034, 23.4710, 24.1164



48.2989, 36.3291, 35.9307



34.9233, 42.1824, 22.2219



8.5768, 8.5374, 9.2698



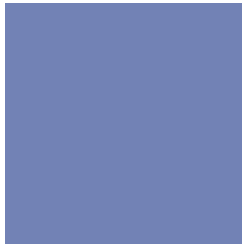
13.4636, 6.9030, 2.3352



0.4467, 0.2264, 0.1950

Previews

White Background



This preview shows how the XYZ color 23.2626, 22.8789, 46.9061 looks on a white background.

Color Contrast Check

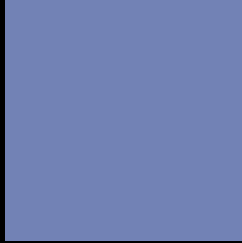
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2626, 22.8789, 46.9061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

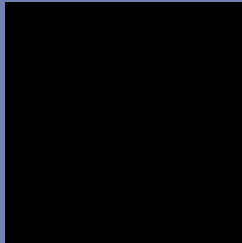
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

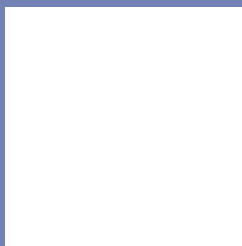
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.2626, 22.8789, 46.9061

Background



This preview shows how black text looks on a background with the XYZ color 23.2626, 22.8789, 46.9061.



This preview shows how white text looks on a background with the XYZ color 23.2626, 22.8789,

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

23.2626, 22.8789, 46.9061

Protanopia

23.3932, 22.7497, 46.8742

Deuteranopia

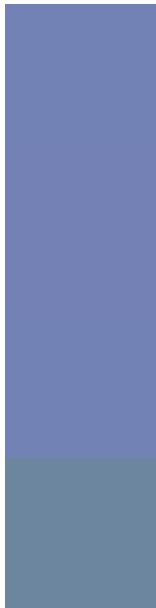
23.3934, 22.9463, 46.9122



Tritanopia

20.0145, 22.7791, 30.9457

Trichromacy



Original Color

23.2626, 22.8789, 46.9061

Protanomaly

23.2610, 22.6815, 46.8681

Deuteranomaly

23.3934, 22.9463, 46.9122

Tritanomaly

21.0898, 22.8046, 36.0911

Monochromacy



Original Color

23.2626, 22.8789, 46.9061

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.9986, 22.7625, 31.6679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2626, 22.8789, 46.9061 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, 130, 181)` looks like.

```
.text, #text, p{  
    color:rgb(114, 130, 181)  
}
```

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, 130, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 130, 181) }
```

Border

The CSS property to change the border of an element to XYZ 23.2626, 22.8789, 46.9061 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, 130, 181) }
```


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

```
.border{ border-color:rgb(114, 130, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 130, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 130, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 130, 181);  
box-shadow:4px 4px 4px 4px rgb(114, 130,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2626, 22.8789, 46.9061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 130, 181) }
```

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

```
.background{ background-color: rgb(114,  
130, 181) }
```

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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