

Converting Colors

XYZ(26.1407, 23.6685, 64.4057)

Have a look what the booklet for
XYZ(26.1407, 23.6685, 64.4057)
contains.

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Color

**XYZ(26.0341, 23.5362,
64.1436)**

Conversions

Conversions Part 1

Format	Color
Hex	7080D2
RGB	112, 128, 210
RGB Percent	44%, 50%, 82%
CMY	0.5608, 0.4980, 0.1765
CMYK	0.47, 0.39, 0.00, 0.18
HSL	230°, 52%, 63%
HSV	230°, 47%, 82%
XYZ	26.0341, 23.5362, 64.1436
YIQ	132.5640, -35.8580, 22.1100

Conversions

Conversions Part 2

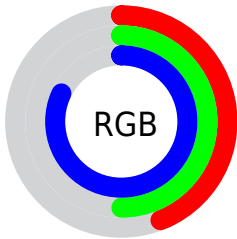
Format	Color
RYB	112, 126, 210
Decimal	7373010
CIELab	55.62, 16.01, -44.18
CIELCh	56, 46.987, 289.919
Yxy	23.5362, 0.2289, 0.2070
Android (android.graphics.Color)	4285563090 (0xFF7080D2)
YUV	132.5640, 38.1759, -18.0346
Hunter-Lab	48.5141, 10.8886, -44.4312

Details

The XYZ color **26.0341, 23.5362, 64.1436** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **48.7959, 53.4567, 23.0768**, and the grayscale version is **22.0121, 23.1585, 25.2196**.

A 20% lighter version of the original color is **50.7223, 48.5926, 101.3137**, and **10.2879, 8.7707, 32.1610** is the 20% darker color. If you saturate the color by 10%, you get **21.5702, 18.1224, 63.3344**, and if you desaturate by 10%, it is **31.5198, 30.0667, 65.1154**.

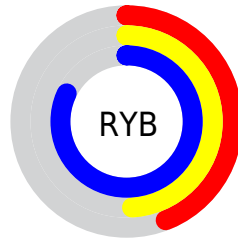
Distribution



Red (44%)

Green (50%)

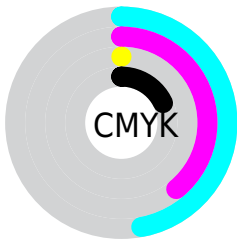
Blue (82%)



Red (44%)

Yellow (49%)

Blue (82%)

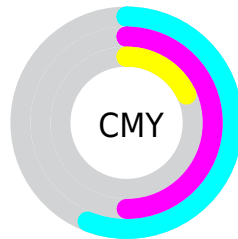


Cyan (47%)

Magenta (39%)

Yellow (0%)

Black (18%)



Cyan (56%)

Magenta (50%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0341, 23.5362, 64.1436 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 26.0341, 23.5362, 64.1436 by changing the saturation by 10% instead.

■ 26.0341, 23.5362,
64.1436

■ 26.0341, 23.5362,
64.1436

275.2031,
270.4672, 457.9297

■ 16.9820, 14.9899,
46.3201

■ 52.7609, 49.2723,
112.4192

■ 10.3169, 8.8123,
32.1480

■ 71.1662, 67.2309,
143.7083

■ 5.6734, 4.6190,
21.2088

■ 93.4200, 89.0957,
180.3230

■ 2.6863, 2.0255,
13.0840

119.8876,
115.2512, 222.6819

■ 0.9901, 0.6222,
7.3550

150.9343,
146.0817, 271.2035

■ 0.0000, 0.0000,
3.6033

186.9256,

■ 0.0000, 0.0000,

181.9716, 326.3063

1.4103

228.2267,
223.3053, 388.4088

■ 0.0000, 0.0000,
0.1498

■ 0.0000, 0.0000,
0.0000

■ 26.0341, 23.5362,
64.1436

■ 26.0341, 23.5362,
64.1436

■ 21.5702, 18.1224,
63.3344

■ 31.5198, 30.0667,
65.1154

■ 18.0609, 13.7592,
62.6772

■ 38.0833, 37.7698,
66.2564

■ 15.4353, 10.3773,
62.1628

■ 45.7797, 46.7006,
67.5745

■ 13.6106, 7.8975,
61.7803

■ 54.6594, 56.9102,
69.0772

■ 12.4842, 6.2256,
61.5169

■ 64.7700, 68.4463,
70.7710

■ 12.2131, 5.8134,
61.4517

■ 76.1561, 81.3546,
72.6624

■ 87.3717, 94.9107,
74.6879

■ 88.6330, 97.4332,
75.1083

Harmonies

Analogous

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



20.6297, 23.5362, 66.5673



26.0341, 23.5362, 64.1436



31.1316, 23.5362, 49.4543

Triad

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



26.0341, 23.5362, 64.1436



29.6129, 23.5362, 9.1279



13.7453, 23.5362, 20.8398

Complementary

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



26.0341, 23.5362, 64.1436



48.7959, 53.4567, 23.0768

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.



15.4297, 23.5362, 11.0291



26.0341, 23.5362, 64.1436



24.2065, 23.5362, 6.2675

Square

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



26.0341, 23.5362, 64.1436



33.4138, 23.5362, 16.8965



19.0677, 23.5362, 6.7891



14.0756, 23.5362, 36.9415

Rectangle

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



26.0341, 23.5362, 64.1436



33.4009, 23.5362, 37.0406



19.0677, 23.5362, 6.7891



14.0828, 23.5362, 16.8378

Sweetspot

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



26.0350, 23.5370, 64.1442



74.3136, 76.2462, 105.4080



39.4298, 53.4187, 59.0764



15.2940, 15.6138, 22.4576



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.



26.0350, 23.5370, 64.1442



33.4931, 28.1489, 98.2758



29.0465, 22.2323, 63.7336



11.3174, 11.7250, 14.9103



7.4988, 3.6441, 37.5007



0.4690, 0.3033, 2.1134

Inverse Universe

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



36.2696, 26.8496, 23.6936



51.4656, 34.6562, 27.0878



44.1796, 56.6500, 23.9365



11.8863, 11.8393, 12.6773



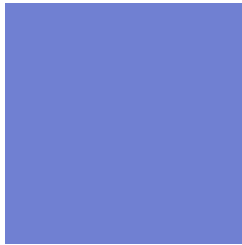
16.4158, 8.4391, 1.8296



0.9430, 0.4819, 0.2346

Previews

White Background



This preview shows how the XYZ color 26.0341, 23.5362, 64.1436 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 26.0341, 23.5362, 64.1436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

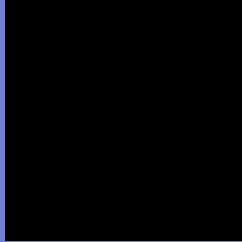
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.0341, 23.5362, 64.1436

Background



This preview shows how black text looks on a background with the XYZ color 26.0341, 23.5362, 64.1436.



This preview shows how white text looks on a background with the XYZ color 26.0341, 23.5362,

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

26.0341, 23.5362, 64.1436

Protanopia

25.3458, 23.5435, 65.4958

Deuteranopia

24.3098, 23.6538, 63.6060



Tritanopia

19.7649, 23.4561, 33.1915

Trichromacy



Original Color

26.0341, 23.5362, 64.1436

Protanomaly

25.5520, 23.4678, 64.8110

Deuteranomaly

24.7705, 23.4887, 63.5498

Tritanomaly

21.7138, 23.3922, 42.9059

Monochromacy



Original Color

26.0341, 23.5362, 64.1436

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.0068, 23.1658, 36.9771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0341, 23.5362, 64.1436 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(112, 128, 210)` looks like.

```
.text, #text, p{  
    color:rgb(112, 128, 210)  
}
```

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(112, 128, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 128, 210) }
```

Border

The CSS property to change the border of an element to XYZ 26.0341, 23.5362, 64.1436 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(112, 128, 210) }
```


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

```
.border{ border-color:rgb(112, 128, 210) }
```

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

Here you see how a box with a 4 pixel rgb(112, 128, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 128, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 128, 210);  
box-shadow:4px 4px 4px 4px rgb(112, 128,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0341, 23.5362, 64.1436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 128, 210) }
```

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

```
.background{ background-color: rgb(112,  
128, 210) }
```

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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