

Converting Colors

XYZ(23.0964, 26.6754, 41.8088)

Have a look what the booklet for
XYZ(23.0964, 26.6754, 41.8088)
contains.

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Color

**XYZ(23.0562, 26.5364,
41.9371)**

Conversions

Conversions Part 1

Format	Color
Hex	6593AA
RGB	101, 147, 170
RGB Percent	40%, 58%, 67%
CMY	0.6039, 0.4235, 0.3333
CMYK	0.41, 0.14, 0.00, 0.33
HSL	200°, 29%, 53%
HSV	200°, 41%, 67%
XYZ	23.0562, 26.5364, 41.9371
YIQ	135.8680, -34.7990, -2.5990

Conversions

Conversions Part 2

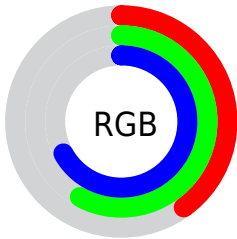
Format	Color
R_{YB}	101, 129, 170
Decimal	6656938
CIE _{Lab}	58.54, -9.47, -16.99
CIE _{LCh}	59, 19.456, 240.861
Yxy	26.5364, 0.2519, 0.2899
Android (android.graphics.Color)	4284847018 (0xFF6593AA)
YUV	135.8680, 16.8271, -30.5792
Hunter-Lab	51.5135, -10.2563, -12.2085

Details

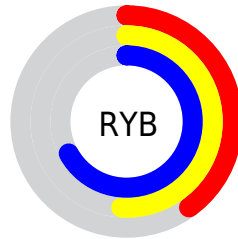
The XYZ color **23.0562, 26.5364, 41.9371** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.1346, 23.9013, 15.5485**, and the grayscale version is **23.3014, 24.5149, 26.6967**.

A 20% lighter version of the original color is **47.9948, 54.1781, 79.1620**, and **8.7195, 10.3267, 18.6732** is the 20% darker color. If you saturate the color by 10%, you get **20.4867, 23.9363, 41.5711**, and if you desaturate by 10%, it is **26.0645, 29.4283, 42.3372**.

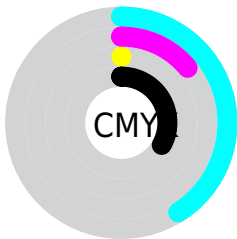
Distribution



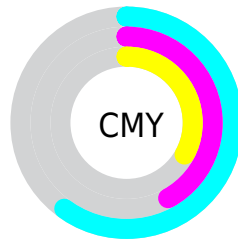
- Red (40%)
- Green (58%)
- Blue (67%)



- Red (40%)
- Yellow (51%)
- Blue (67%)



- Cyan (41%)
- Magenta (14%)
- Yellow (0%)
- Black (33%)



- Cyan (60%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0562, 26.5364, 41.9371 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 23.0562, 26.5364, 41.9371 by changing the saturation by 10% instead.

■ 23.0562, 26.5364,
41.9371

■ 23.0562, 26.5364,
41.9371

260.5435,
285.4054, 370.0141

■ 14.7559, 17.2254,
28.7268

■ 47.9516, 54.1390,
79.3735

■ 8.7335, 10.3953,
18.6305

■ 65.2774, 73.1994,
104.4367

■ 4.6235, 5.6618,
11.2295

■ 86.3424, 96.2784,
134.2879

■ 2.0605, 2.6406,
6.1053

■ 111.5120,
123.7603, 169.3458

■ 0.6676, 0.9471,
2.8394

141.1516,
156.0295, 210.0288

■ 0.0000, 0.0000,
1.0132

175.6265,

■ 0.0000, 0.0000,

193.4705, 256.7555

0.0000

215.3020,
236.4677, 309.9444

■ 23.0562, 26.5364,
41.9371

■ 23.0562, 26.5364,
41.9371

■ 20.4867, 23.9363,
41.5711

■ 26.0645, 29.4283,
42.3372

■ 18.3284, 21.6111,
41.2361

■ 29.5321, 32.6218,
42.7708

■ 16.5544, 19.5466,
40.9311

■ 33.4810, 36.1296,
43.2398

■ 15.1330, 17.7256,
40.6545

■ 37.9312, 39.9629,
43.7451

■ 14.0272, 16.1279,
40.4044

■ 42.9014, 44.1322,
44.2879

■ 13.1986, 14.7879,
40.1894

■ 48.4094, 48.6475,
44.8692

■ 54.4719, 53.5182,
45.4898

■ 61.1050, 58.7536,
46.1507

■ 68.3243, 64.3622,
46.8528

Harmonies

Analogous

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



21.4899, 26.5364, 36.1609



23.0562, 26.5364, 41.9371



25.2910, 26.5364, 44.1002

Triad

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



23.0562, 26.5364, 41.9371



30.0863, 26.5364, 28.6968



22.9440, 26.5364, 19.0300

Complementary

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



23.0562, 26.5364, 41.9371



26.1346, 23.9013, 15.5485

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.



25.1532, 26.5364, 17.6590



23.0562, 26.5364, 41.9371



29.3631, 26.5364, 22.6718

Square

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



23.0562, 26.5364, 41.9371



29.4394, 26.5364, 35.7655



27.5195, 26.5364, 18.8810



21.4280, 26.5364, 22.9637

Rectangle

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



23.0562, 26.5364, 41.9371



26.8891, 26.5364, 42.9716



27.5195, 26.5364, 18.8810



23.6254, 26.5364, 18.2847

Sweetspot

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



23.0570, 26.5374, 41.9377



59.5177, 64.4750, 78.3099



23.3079, 32.9430, 23.8206



13.0656, 14.1958, 17.4391



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



23.0570, 26.5374, 41.9377



37.4714, 43.7425, 75.4701



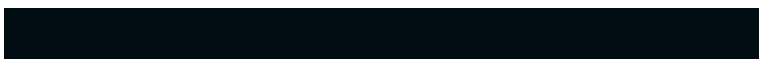
18.6011, 17.6255, 40.4524



7.5337, 8.1044, 9.5856



9.7616, 10.9835, 29.5810



0.2816, 0.3554, 0.7344

Inverse Universe

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



26.4984, 19.9607, 30.0610



44.8216, 30.8771, 49.8383



31.0434, 33.7188, 17.1848



7.7340, 7.6235, 8.9165



14.4278, 7.1798, 12.3304



0.3733, 0.1836, 0.4171

Previews

White Background



This preview shows how the XYZ color 23.0562, 26.5364, 41.9371 looks on a white background.

Color Contrast Check

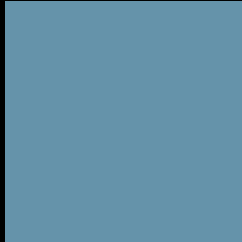
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0562, 26.5364, 41.9371 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 23.0562, 26.5364, 41.9371

Background



This preview shows how black text looks on a background with the XYZ color 23.0562, 26.5364, 41.9371.



This preview shows how white text looks on a background with the XYZ color 23.0562, 26.5364,

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

23.0562, 26.5364, 41.9371

Protanopia

26.0158, 26.3327, 39.3089

Deuteranopia

26.8733, 26.2732, 42.6846



Tritanopia

22.2175, 26.6648, 37.6940

Trichromacy



Original Color

23.0562, 26.5364, 41.9371

Protanomaly

24.8164, 26.3470, 40.3367

Deuteranomaly

25.3330, 26.3500, 42.2789

Tritanomaly

22.4363, 26.5128, 39.0569

Monochromacy



Original Color

23.0562, 26.5364, 41.9371

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.8918, 25.1052, 31.6562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0562, 26.5364, 41.9371 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(101, 147, 170)` looks like.

```
.text, #text, p{  
    color:rgb(101, 147, 170)  
}
```

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(101, 147, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 147, 170) }
```

Border

The CSS property to change the border of an element to XYZ 23.0562, 26.5364, 41.9371 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(101, 147, 170) }
```


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

```
.border{ border-color:rgb(101, 147, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 147, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 147, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 147, 170);  
box-shadow:4px 4px 4px 4px rgb(101, 147,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0562, 26.5364, 41.9371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 147, 170) }
```

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

```
.background{ background-color: rgb(101,  
147, 170) }
```

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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