

Converting Colors

XYZ(11.2661, 10.8464, 23.8737)

Have a look what the booklet for
XYZ(11.2661, 10.8464, 23.8737)
contains.

XYZ(11.3524, 10.9089, 24.0615)	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(11.3524, 10.9089,
24.0615)**

Conversions

Conversions Part 1

Format	Color
Hex	505B86
RGB	80, 91, 134
RGB Percent	31%, 36%, 53%
CMY	0.6863, 0.6431, 0.4745
CMYK	0.40, 0.32, 0.00, 0.47
HSL	228°, 25%, 42%
HSV	228°, 40%, 53%
XYZ	11.3524, 10.9089, 24.0615
YIQ	92.6130, -20.3590, 11.0410

Conversions

Conversions Part 2

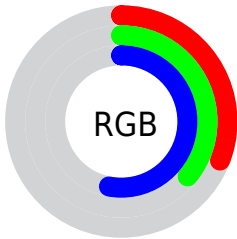
Format	Color
R_{YB}	80, 89, 134
Decimal	5266310
CIE _{Lab}	39.43, 7.33, -25.35
CIE _{LCh}	39, 26.391, 286.124
Yxy	10.9089, 0.2451, 0.2355
Android (android.graphics.Color)	4283456390 (0xFF505B86)
YUV	92.6130, 20.4038, -11.0616
Hunter-Lab	33.0286, 3.5529, -20.0730

Details

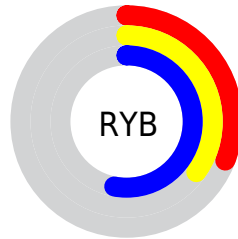
The XYZ color **11.3524, 10.9089, 24.0615** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **18.3626, 19.8136, 10.4464**, and the grayscale version is **10.2723, 10.8072, 11.7691**.

A 20% lighter version of the original color is **27.8546, 27.4629, 50.8465**, and **3.1423, 2.8854, 8.7788** is the 20% darker color. If you saturate the color by 10%, you get **9.4836, 8.6865, 23.7312**, and if you desaturate by 10%, it is **13.5773, 13.5079, 24.4461**.

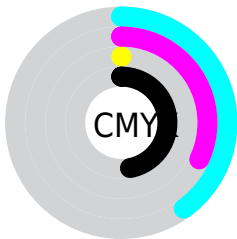
Distribution



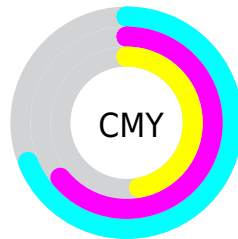
- Red (31%)
- Green (36%)
- Blue (53%)



- Red (31%)
- Yellow (35%)
- Blue (53%)



- Cyan (40%)
- Magenta (32%)
- Yellow (0%)
- Black (47%)



- Cyan (69%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3524, 10.9089, 24.0615 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 11.3524, 10.9089, 24.0615 by changing the saturation by 10% instead.

■ 11.3524, 10.9089,
24.0615

■ 11.3524, 10.9089,
24.0615

193.9283,
197.0415, 286.4278

■ 6.3734, 6.0056,
15.1666

■ 27.9372, 27.4916,
51.0756

■ 3.1163, 2.8485,
8.7885

■ 40.2737, 39.9398,
70.0320

■ 1.2155, 1.0532,
4.5086

■ 55.7935, 55.6717,
93.1792

■ 0.1186, 0.0000,
1.9083

■ 74.8619, 75.0718,
120.9359

■ 0.0000, 0.0000,
0.4980

■ 97.8442, 98.5244,
153.7205

■ 0.0000, 0.0000,
0.0000

125.1058,

126.4140, 191.9517

157.0120,
159.1249, 236.0480

■ 11.3524, 10.9089,
24.0615

■ 11.3524, 10.9089,
24.0615

■ 9.4836, 8.6865,
23.7312

■ 13.5773, 13.5079,
24.4461

■ 7.9510, 6.8217,
23.4521

■ 16.1748, 16.4989,
24.8865

■ 6.7340, 5.2954,
23.2216

■ 19.1614, 19.8979,
25.3852

■ 5.8096, 4.0864,
23.0370

■ 22.5527, 23.7197,
25.9441

■ 5.1511, 3.1708,
22.8949

■ 26.3630, 27.9782,
26.5653

■ 4.7019, 2.5188,
22.7928

■ 30.6061, 32.6869,
27.2505

■ 35.2953, 37.8585,
28.0016

■ 40.4430, 43.5053,
28.8202

■ 46.0614, 49.6390,
29.7080

Harmonies

Analogous

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



9.5661, 10.9089, 24.2218



11.3524, 10.9089, 24.0615



13.0479, 10.9089, 20.0875

Triad

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



11.3524, 10.9089, 24.0615



12.9372, 10.9089, 6.1028



7.3777, 10.9089, 9.6707

Complementary

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



11.3524, 10.9089, 24.0615



18.3626, 19.8136, 10.4464

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.



8.0837, 10.9089, 6.2795



11.3524, 10.9089, 24.0615



11.2147, 10.9089, 4.6568

Square

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



11.3524, 10.9089, 24.0615



14.0322, 10.9089, 9.3493



9.4433, 10.9089, 4.7105



7.4055, 10.9089, 14.8258

Rectangle

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



11.3524, 10.9089, 24.0615



13.8387, 10.9089, 16.3230



9.4433, 10.9089, 4.7105



7.5332, 10.9089, 8.3234

Sweetspot

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



11.3528, 10.9093, 24.0618



32.6700, 33.8220, 44.5448



15.3651, 20.1685, 21.5933



7.2319, 7.4741, 10.0142



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.3528, 10.9093, 24.0618



17.0850, 15.7559, 41.8791



11.9226, 9.9079, 23.8384



4.5057, 4.6870, 5.8680



4.4130, 2.3739, 21.3623



0.0196, 0.0169, 0.0754

Inverse Universe

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



14.5888, 11.5613, 11.3606



23.6529, 17.3347, 16.0433



17.5399, 21.5303, 10.8211



4.7085, 4.7031, 5.0774



9.4056, 4.8266, 1.4423



0.0348, 0.0176, 0.0165

Previews

White Background



This preview shows how the XYZ color 11.3524, 10.9089, 24.0615 looks on a white 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

Black Background



This preview shows how the XYZ color 11.3524, 10.9089, 24.0615 looks on a black 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

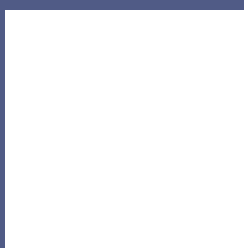
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3524, 10.9089, 24.0615

Background



This preview shows how black text looks on a background with the XYZ color 11.3524, 10.9089, 24.0615.

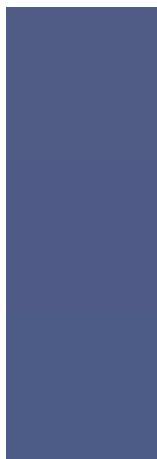


This preview shows how white text looks on a background with the XYZ color 11.3524, 10.9089,

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

11.3524, 10.9089, 24.0615

Protanopia

11.2686, 10.8657, 24.0576

Deuteranopia

11.1107, 10.9120, 24.0749



Tritanopia

9.5722, 10.9858, 14.9806

Trichromacy



Original Color

11.3524, 10.9089, 24.0615

Protanomaly

11.2686, 10.8657, 24.0576

Deuteranomaly

11.1908, 10.9533, 24.0786

Tritanomaly

10.2251, 10.9819, 18.1038

Monochromacy



Original Color

11.3524, 10.9089, 24.0615

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.5584, 10.8117, 15.7177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3524, 10.9089, 24.0615 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(80, 91, 134) looks like.

```
.text, #text, p{  
    color:rgb(80, 91, 134)  
}
```

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(80, 91, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 91, 134) }
```

Border

The CSS property to change the border of an element to XYZ 11.3524, 10.9089, 24.0615 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(80, 91, 134) }
```


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

```
.border{ border-color:rgb(80, 91, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 91, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 91, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 91, 134);  
box-shadow:4px 4px 4px 4px rgb(80, 91,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3524, 10.9089, 24.0615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 91, 134) }
```

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

```
.background{ background-color: rgb(80, 91,  
134) }
```

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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