

Converting Colors

XYZ(34.2060, 23.3815, 79.0914)

Have a look what the booklet for
XYZ(34.2060, 23.3815, 79.0914)
contains.

XYZ(34.3150, 23.5064, 79.0725)	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(34.3150, 23.5064,
79.0725)**

Conversions

Conversions Part 1

Format	Color
Hex	A169E8
RGB	161, 105, 232
RGB Percent	63%, 41%, 91%
CMY	0.3686, 0.5882, 0.0902
CMYK	0.31, 0.55, 0.00, 0.09
HSL	266°, 73%, 66%
HSV	266°, 55%, 91%
XYZ	34.3150, 23.5064, 79.0725
YIQ	136.2220, -7.3910, 51.3690

Conversions

Conversions Part 2

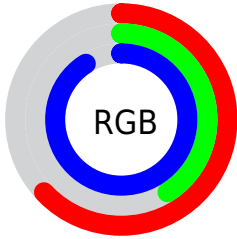
Format	Color
RYB	161, 105, 232
Decimal	10578408
CIELab	55.59, 47.45, -56.34
CIElCh	56, 73.659, 310.105
Yxy	23.5064, 0.2507, 0.1717
Android (android.graphics.Color)	4288768488 (0xFFA169E8)
YUV	136.2220, 47.2186, 21.7303
Hunter-Lab	48.4834, 41.4906, -62.7588

Details

The XYZ color **34.3150, 23.5064, 79.0725** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **49.3111, 67.9636, 23.8846**, and the grayscale version is **23.3163, 24.5306, 26.7138**.

A 20% lighter version of the original color is **59.4903, 46.7338, 100.4928**, and **15.0284, 8.8702, 41.9943** is the 20% darker color. If you saturate the color by 10%, you get **29.7868, 18.1301, 78.2739**, and if you desaturate by 10%, it is **39.7607, 30.3130, 80.0997**.

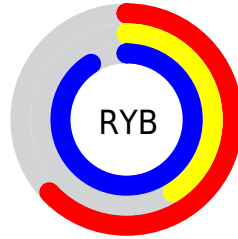
Distribution



Red (63%)

Green (41%)

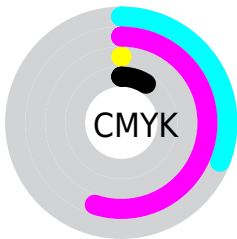
Blue (91%)



Red (63%)

Yellow (41%)

Blue (91%)

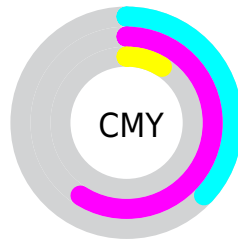


Cyan (31%)

Magenta (55%)

Yellow (0%)

Black (9%)



Cyan (37%)


Magenta (59%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3150, 23.5064, 79.0725 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 34.3150, 23.5064, 79.0725 by changing the saturation by 10% instead.


 34.3150, 23.5064,
79.0725


 34.3150, 23.5064,
79.0725


313.0956,
270.3154, 511.4257


 23.2997, 14.9679,
58.4338


 65.7643, 49.2235,
133.8605


 14.9369, 8.7968,
41.7405


 86.9290, 67.1709,
168.8469

 8.8611, 4.6089,
28.5741


 112.2075, 89.0233,
209.4528

 4.7071, 2.0197,
18.5160

 141.9653,
115.1652, 256.0969

 2.1094, 0.6189,
11.1478

176.5676,
145.9810, 309.1977

 0.6943, 0.0000,
6.0509

216.3799,

 0.0000, 0.0000,

181.8550, 369.1737

2.8068

261.7674,
223.1717, 436.4436

■ 0.0000, 0.0000,
0.9968

■ 0.0000, 0.0000,
0.0000

■ 34.3150, 23.5064,
79.0725

■ 34.3150, 23.5064,
79.0725

■ 29.7868, 18.1301,
78.2739

■ 39.7607, 30.3130,
80.0997

■ 26.1111, 14.0696,
77.6839

■ 46.1766, 38.6468,
81.3702

■ 23.2178, 11.1965,
77.2818

■ 53.6144, 48.5990,
82.8991

■ 21.0214, 9.3532,
77.0417

■ 62.1211, 60.2528,
84.7002

20.0794, 8.6687,
76.9593

71.7405, 73.6854,
86.7859

82.5139, 88.9694,
89.1682

90.3951, 98.0028,
90.4965

91.5656, 98.6062,
90.5512

Harmonies

Analogous

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



25.2685, 23.5064, 102.3979



34.3150, 23.5064, 79.0725



41.0163, 23.5064, 44.5682

Triad

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



34.3150, 23.5064, 79.0725



28.2409, 23.5064, 2.1632



10.0024, 23.5064, 34.5052

Complementary

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



34.3150, 23.5064, 79.0725



49.3111, 67.9636, 23.8846

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.



10.4217, 23.5064, 12.9538



34.3150, 23.5064, 79.0725



19.6509, 23.5064, 1.7964

Square

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



34.3150, 23.5064, 79.0725



36.9498, 23.5064, 5.9701



13.5390, 23.5064, 4.1104



12.2030, 23.5064, 67.9138

Rectangle

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



34.3150, 23.5064, 79.0725



42.4646, 23.5064, 25.5105



13.5390, 23.5064, 4.1104



9.8579, 23.5064, 25.6786

Sweetspot

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



34.3160, 23.5073, 79.0731



75.4880, 72.6022, 104.6427



36.1074, 40.2613, 82.2125



15.6750, 14.8752, 22.2950



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.



34.3160, 23.5073, 79.0731



36.1144, 21.5560, 96.8650



50.2136, 31.7028, 79.8171



14.1830, 14.1965, 18.1370



11.2867, 4.8844, 42.7311



0.9393, 0.4152, 3.1626

Inverse Universe

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



46.1672, 30.3941, 44.5075



52.9426, 31.3554, 46.8632



38.2772, 62.2754, 23.3682



14.7127, 14.5023, 16.6873



20.7651, 10.4403, 12.9238



1.5810, 0.7901, 1.2001

Previews

White Background



This preview shows how the XYZ color 34.3150, 23.5064, 79.0725 looks on a white background.

Color Contrast Check

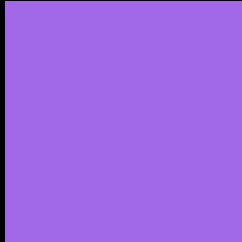
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3150, 23.5064, 79.0725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

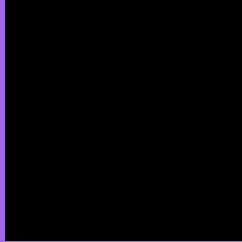
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.3150, 23.5064, 79.0725

Background



This preview shows how black text looks on a background with the XYZ color 34.3150, 23.5064, 79.0725.



This preview shows how white text looks on a background with the XYZ color 34.3150, 23.5064,

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

34.3150, 23.5064, 79.0725

Protanopia

27.8869, 23.9446, 97.7597

Deuteranopia

24.5673, 23.7345, 75.2379



Tritanopia

23.8381, 23.4042, 27.6872

Trichromacy



Original Color

34.3150, 23.5064, 79.0725



Protanomaly

28.5420, 22.7450, 90.8816



Deuteranomaly

26.4534, 22.5341, 76.3541



Tritanomaly

26.8370, 22.9341, 42.5474

Monochromacy



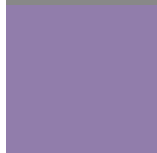
Original Color

34.3150, 23.5064, 79.0725



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

26.3614, 23.6272, 41.6992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3150, 23.5064, 79.0725 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(161, 105, 232)` looks like.

```
.text, #text, p{  
    color:rgb(161, 105, 232)  
}
```

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(161, 105, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 105, 232) }
```

Border

The CSS property to change the border of an element to XYZ 34.3150, 23.5064, 79.0725 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(161, 105, 232) }
```


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

```
.border{ border-color:rgb(161, 105, 232) }
```

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

Here you see how a box with a 4 pixel rgb(161, 105, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 105, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 105, 232);  
box-shadow:4px 4px 4px 4px rgb(161, 105,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3150, 23.5064, 79.0725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 105, 232) }
```

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

```
.background{ background-color: rgb(161,  
105, 232) }
```

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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