

Converting Colors

XYZ(19.5981, 24.8715, 36.5727)

Have a look what the booklet for
XYZ(19.5981, 24.8715, 36.5727)
contains.

XYZ(19.5934, 24.8665, 36.5679)	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(19.5934, 24.8665,
36.5679)**

Conversions

Conversions Part 1

Format	Color
Hex	4B939F
RGB	75, 147, 159
RGB Percent	29%, 58%, 62%
CMY	0.7059, 0.4235, 0.3765
CMYK	0.53, 0.08, 0.00, 0.38
HSL	189°, 36%, 46%
HSV	189°, 53%, 62%
XYZ	19.5934, 24.8665, 36.5679
YIQ	126.8400, -46.7640, -11.5320

Conversions

Conversions Part 2

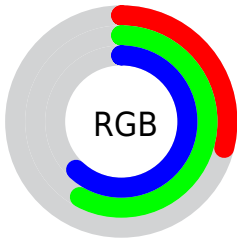
Format	Color
RYB	75, 114, 159
Decimal	4952991
CIELab	56.95, -19.05, -13.25
CIElCh	57, 23.208, 214.821
Yxy	24.8665, 0.2418, 0.3069
Android (android.graphics.Color)	4283143071 (0xFF4B939F)
YUV	126.8400, 15.8549, -45.4637
Hunter-Lab	49.8663, -17.1301, -8.5720

Details

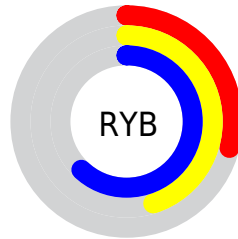
The XYZ color **19.5934, 24.8665, 36.5679** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.9768, 14.6959, 8.4938**, and the grayscale version is **20.0775, 21.1231, 23.0031**.

A 20% lighter version of the original color is **42.2302, 51.3742, 71.3088**, and **6.9648, 9.4872, 15.6515** is the 20% darker color. If you saturate the color by 10%, you get **18.1523, 23.6050, 36.4008**, and if you desaturate by 10%, it is **21.3539, 26.3041, 36.7530**.

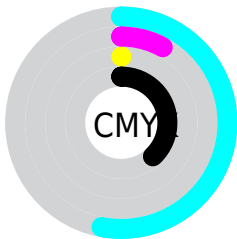
Distribution



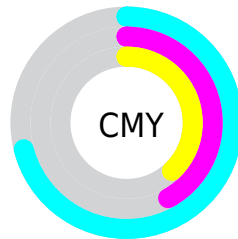
- Red (29%)
- Green (58%)
- Blue (62%)



- Red (29%)
- Yellow (45%)
- Blue (62%)



- Cyan (53%)
- Magenta (8%)
- Yellow (0%)
- Black (38%)



- Cyan (71%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5934, 24.8665, 36.5679 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 19.5934, 24.8665, 36.5679 by changing the saturation by 10% instead.

■ 19.5934, 24.8665,
36.5679

■ 19.5934, 24.8665,
36.5679

242.5811,
277.1725, 346.5482

■ 12.2064, 15.9776,
24.5800

■ 42.2436, 51.4406,
71.0866

■ 6.9576, 9.5083,
15.5482

■ 58.2375, 69.8945,
94.4544

■ 3.4817, 5.0742,
9.0542

■ 77.8310, 92.3057,
122.4526

■ 1.4133, 2.2909,
4.6792

■ 101.3896,
119.0583, 155.4997

■ 0.2657, 0.7689,
2.0049

■ 129.2785,
150.5370, 194.0143

■ 0.0000, 0.0000,
0.5583

161.8632,

■ 0.0000, 0.0000,

187.1259, 238.4149

0.0000

199.5089,
229.2096, 289.1200

■ 19.5934, 24.8665,
36.5679

■ 19.5934, 24.8665,
36.5679

■ 18.1523, 23.6050,
36.4008

■ 21.3539, 26.3041,
36.7530

■ 17.0045, 22.5044,
36.2489

■ 23.4525, 27.9260,
36.9555

■ 16.1238, 21.5518,
36.1114

■ 25.9096, 29.7430,
37.1767

■ 15.4781, 20.7304,
35.9869

■ 28.7428, 31.7645,
37.4176

■ 15.1029, 20.1929,
35.9029

■ 31.9689, 33.9992,
37.6789

■ 35.6036, 36.4551,
37.9613

■ 39.6616, 39.1399,
38.2657

■ 44.1570, 42.0609,
38.5926

■ 49.1031, 45.2252,
38.9426

Harmonies

Analogous

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



18.7938, 24.8665, 28.3548



19.5934, 24.8665, 36.5679



21.4774, 24.8665, 43.0316

Triad

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



19.5934, 24.8665, 36.5679



28.6947, 24.8665, 33.9661



23.1977, 24.8665, 14.7175

Complementary

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



19.5934, 24.8665, 36.5679



18.9768, 14.6959, 8.4938

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.



25.9322, 24.8665, 15.6498



19.5934, 24.8665, 36.5679



29.2431, 24.8665, 25.8351

Square

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



19.5934, 24.8665, 36.5679



26.7511, 24.8665, 41.3386



28.1970, 24.8665, 19.3866



20.7705, 24.8665, 16.5403

Rectangle

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



19.5934, 24.8665, 36.5679



23.1656, 24.8665, 44.9147



28.1970, 24.8665, 19.3866



24.1104, 24.8665, 14.7230

Sweetspot

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



19.5942, 24.8674, 36.5685



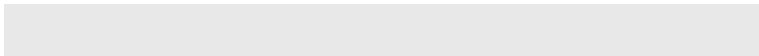
49.6328, 55.5856, 66.8566



16.9882, 26.9678, 13.1572



10.9677, 12.3736, 15.0539



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



19.5942, 24.8674, 36.5685



32.1969, 41.9871, 65.1508



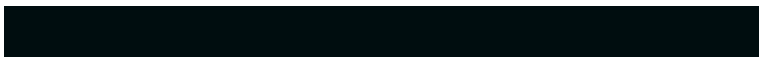
14.2938, 14.2668, 34.8017



6.7411, 7.3479, 8.4697



11.9517, 15.9950, 28.3647



0.2338, 0.3261, 0.5139

Inverse Universe

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



22.0813, 14.5104, 29.2417



37.2933, 22.0573, 49.8474



23.3140, 23.3702, 9.9395



6.8634, 6.7383, 8.1317



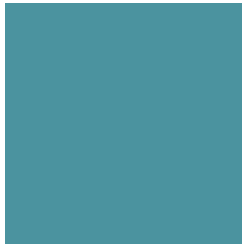
14.8309, 7.2369, 19.1583



0.2753, 0.1335, 0.3959

Previews

White Background



This preview shows how the XYZ color 19.5934, 24.8665, 36.5679 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 19.5934, 24.8665, 36.5679 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 19.5934, 24.8665, 36.5679

Background



This preview shows how black text looks on a background with the XYZ color 19.5934, 24.8665, 36.5679.



This preview shows how white text looks on a background with the XYZ color 19.5934, 24.8665,

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

19.5934, 24.8665, 36.5679

Protanopia

24.0814, 24.6306, 32.7631

Deuteranopia

25.0625, 24.6179, 37.6132



Tritanopia

19.5934, 24.8665, 36.5679

Trichromacy



Original Color

19.5934, 24.8665, 36.5679

Protanomaly

21.8754, 24.3090, 34.1110

Deuteranomaly

22.4609, 24.3276, 37.2301

Tritanomaly

19.5934, 24.8665, 36.5679

Monochromacy



Original Color

19.5934, 24.8665, 36.5679

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.3696, 22.1024, 27.6714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5934, 24.8665, 36.5679 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(75, 147, 159)` looks like.

```
.text, #text, p{  
    color:rgb(75, 147, 159)  
}
```

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(75, 147, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 147, 159) }
```

Border

The CSS property to change the border of an element to XYZ 19.5934, 24.8665, 36.5679 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(75, 147, 159) }
```


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

```
.border{ border-color:rgb(75, 147, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 147, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 147, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 147, 159);  
box-shadow:4px 4px 4px 4px rgb(75, 147,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5934, 24.8665, 36.5679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 147, 159) }
```

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

```
.background{ background-color: rgb(75, 147,  
159) }
```

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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