

Converting Colors

XYZ(23.1190, 25.3349, 36.4725)

Have a look what the booklet for
XYZ(23.1190, 25.3349, 36.4725)
contains.

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Color

**XYZ(23.1190, 25.3349,
36.4725)**

Conversions

Conversions Part 1

Format	Color
Hex	758D9F
RGB	117, 141, 159
RGB Percent	46%, 55%, 62%
CMY	0.5412, 0.4470, 0.3765
CMYK	0.26, 0.11, 0.00, 0.38
HSL	206°, 18%, 54%
HSV	206°, 26%, 62%
XYZ	23.1190, 25.3349, 36.4725
YIQ	135.8760, -20.0820, 0.5100

Conversions

Conversions Part 2

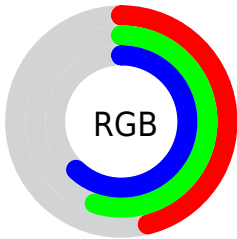
Format	Color
R_{YB}	117, 132, 159
Decimal	7703967
CIE _{Lab}	57.40, -4.27, -12.35
CIE _{LCh}	57, 13.063, 250.938
Yxy	25.3349, 0.2722, 0.2983
Android (android.graphics.Color)	4285894047 (0xFF758D9F)
YUV	135.8760, 11.4001, -16.5543
Hunter-Lab	50.3338, -6.0966, -7.7286

Details

The XYZ color **23.1190, 25.3349, 36.4725** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.1732, 25.9833, 20.4660**, and the grayscale version is **23.3201, 24.5345, 26.7181**.

A 20% lighter version of the original color is **48.2303, 52.4313, 71.1966**, and **8.7626, 9.7582, 15.6090** is the 20% darker color. If you saturate the color by 10%, you get **20.1876, 22.3784, 36.0568**, and if you desaturate by 10%, it is **26.4766, 28.6042, 36.9270**.

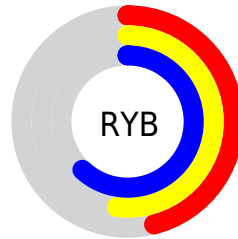
Distribution



Red (46%)

Green (55%)

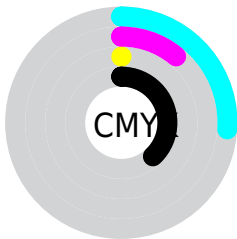
Blue (62%)



Red (46%)

Yellow (52%)

Blue (62%)

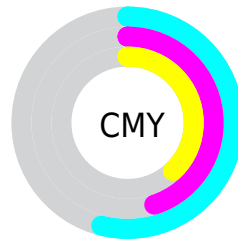


Cyan (26%)

Magenta (11%)

Yellow (0%)

Black (38%)



Cyan (54%)

Magenta (45%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1190, 25.3349, 36.4725 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 23.1190, 25.3349, 36.4725 by changing the saturation by 10% instead.

■ 23.1190, 25.3349,
36.4725

■ 23.1190, 25.3349,
36.4725

260.8595,
279.5017, 346.1207

■ 14.8026, 16.3267,
24.5068

■ 48.0539, 52.2000,
70.9380

■ 8.7664, 9.7557,
15.4943

■ 65.4030, 70.8258,
94.2748

■ 4.6450, 5.2373,
9.0166

■ 86.4938, 93.4261,
122.2390

■ 2.0731, 2.3871,
4.6550

111.6916,
120.3856, 155.2493

■ 0.6745, 0.8193,
1.9911

141.3617,
152.0885, 193.7240

■ 0.0000, 0.0000,
0.5498

175.8695,

■ 0.0000, 0.0000,

188.9192, 238.0818

0.0000

215.5803,
231.2621, 288.7412

■ 23.1190, 25.3349,
36.4725

■ 23.1190, 25.3349,
36.4725

■ 20.1876, 22.3784,
36.0568

■ 26.4766, 28.6042,
36.9270

■ 17.6607, 19.7200,
35.6768

■ 30.2763, 32.1940,
37.4196

■ 15.5180, 17.3480,
35.3319

■ 34.5358, 36.1159,
37.9521

■ 13.7364, 15.2490,
35.0207

■ 39.2712, 40.3795,
38.5255

■ 12.2900, 13.4077,
34.7415

■ 44.4978, 44.9942,
39.1408

■ 11.1490, 11.8069,
34.4926

■ 50.2300, 49.9690,
39.7989

■ 10.2708, 10.4228,
34.2718

■ 56.4819, 55.3124,
40.5007

■ 9.9876, 9.9622,
34.1978

■ 63.2667, 61.0328,
41.2473

■ 68.6952, 66.1575,
41.9503

Harmonies

Analogous

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



21.8964, 25.3349, 33.5697



23.1190, 25.3349, 36.4725



24.6504, 25.3349, 36.8512

Triad

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



23.1190, 25.3349, 36.4725



27.1289, 25.3349, 25.9961



22.1781, 25.3349, 21.6225

Complementary

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



23.1190, 25.3349, 36.4725



26.1732, 25.9833, 20.4660

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.



23.5185, 25.3349, 20.0196



23.1190, 25.3349, 36.4725



26.4043, 25.3349, 22.3582

Square

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



23.1190, 25.3349, 36.4725



27.0106, 25.3349, 30.4704



25.0674, 25.3349, 20.2737



21.3695, 25.3349, 24.8885

Rectangle

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



23.1190, 25.3349, 36.4725



25.6463, 25.3349, 35.5801



25.0674, 25.3349, 20.2737



22.5790, 25.3349, 20.8881

Sweetspot

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



23.1198, 25.3359, 36.4731



52.9807, 56.4965, 66.8560



24.0728, 30.3139, 27.3205



11.7164, 12.5231, 15.0433



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.



23.1198, 25.3359, 36.4731



38.0648, 42.0287, 64.8496



20.3714, 19.8392, 35.5570



6.5835, 7.0328, 8.4172



7.9304, 7.9524, 27.0242



0.1833, 0.2252, 0.4970

Inverse Universe

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



25.4677, 22.0172, 28.1079



43.1097, 35.3132, 46.7825



29.3141, 32.2652, 21.5130



6.7839, 6.7065, 7.7130



12.8011, 6.4250, 8.4697



0.2498, 0.1233, 0.2617

Previews

White Background



This preview shows how the XYZ color 23.1190, 25.3349, 36.4725 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 23.1190, 25.3349, 36.4725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

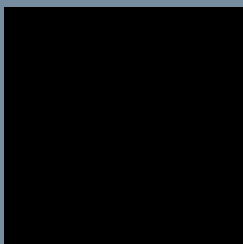
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

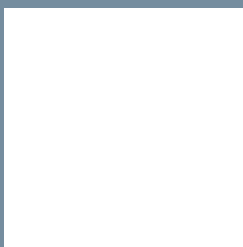
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1190, 25.3349, 36.4725

Background



This preview shows how black text looks on a background with the XYZ color 23.1190, 25.3349, 36.4725.



This preview shows how white text looks on a background with the XYZ color 23.1190, 25.3349,

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

23.1190, 25.3349, 36.4725

Protanopia

24.6364, 25.0770, 34.9943

Deuteranopia

25.6855, 25.1637, 36.7610



Tritanopia

22.6252, 25.3589, 33.8393

Trichromacy



Original Color

23.1190, 25.3349, 36.4725

Protanomaly

24.0764, 25.2005, 35.4935

Deuteranomaly

24.8065, 25.3349, 36.8404

Tritanomaly

22.7919, 25.4256, 34.7167

Monochromacy



Original Color

23.1190, 25.3349, 36.4725

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.1758, 24.8577, 29.9621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1190, 25.3349, 36.4725 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(117, 141, 159)` looks like.

```
.text, #text, p{  
    color:rgb(117, 141, 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(117, 141, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 141, 159) }
```

Border

The CSS property to change the border of an element to XYZ 23.1190, 25.3349, 36.4725 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(117, 141, 159) }
```


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

```
.border{ border-color:rgb(117, 141, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 141, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 141, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 141, 159);  
box-shadow:4px 4px 4px 4px rgb(117, 141,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1190, 25.3349, 36.4725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 141, 159) }
```

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

```
.background{ background-color: rgb(117,  
141, 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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