

Converting Colors

XYZ(23.6118, 27.1393, 30.3779)

Have a look what the booklet for
XYZ(23.6118, 27.1393, 30.3779)
contains.

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Color

**XYZ(23.6361, 27.0920,
30.3691)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9390
RGB	123, 147, 144
RGB Percent	48%, 58%, 56%
CMY	0.5176, 0.4235, 0.4353
CMYK	0.16, 0.00, 0.02, 0.42
HSL	172°, 10%, 53%
HSV	172°, 16%, 58%
XYZ	23.6361, 27.0920, 30.3691
YIQ	139.4820, -13.3410, -6.0210

Conversions

Conversions Part 2

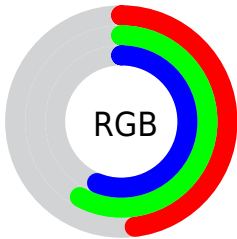
Format	Color
R_{YB}	123, 136, 147
Decimal	8098704
CIE _{Lab}	59.06, -9.11, -1.26
CIE _{LCh}	59, 9.195, 187.881
Yxy	27.0920, 0.2915, 0.3341
Android (android.graphics.Color)	4286288784 (0xFF7B9390)
YUV	139.4820, 2.2274, -14.4547
Hunter-Lab	52.0500, -10.0299, 1.8416

Details

The XYZ color **23.6361, 27.0920, 30.3691** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.8824, 21.8760, 22.7562**, and the grayscale version is **24.7225, 26.0100, 28.3249**.

A 20% lighter version of the original color is **48.9842, 55.0806, 61.4760**, and **9.0273, 10.6297, 12.1656** is the 20% darker color. If you saturate the color by 10%, you get **21.5499, 26.0334, 29.5443**, and if you desaturate by 10%, it is **26.0420, 28.3166, 31.2219**.

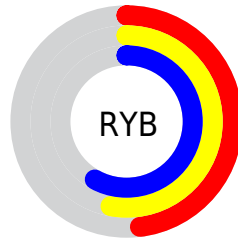
Distribution



Red (48%)

Green (58%)

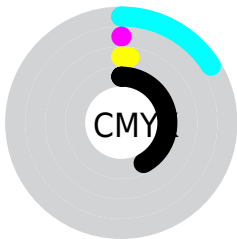
Blue (56%)



Red (48%)

Yellow (53%)

Blue (58%)

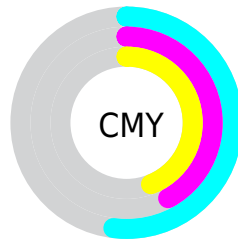


Cyan (16%)

Magenta (0%)

Yellow (2%)

Black (42%)



Cyan (52%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6361, 27.0920, 30.3691 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 23.6361, 27.0920, 30.3691 by changing the saturation by 10% instead.

■ 23.6361, 27.0920,
30.3691

■ 23.6361, 27.0920,
30.3691

263.4503,
288.1023, 317.8818

■ 15.1872, 17.6423,
19.8645

■ 48.8947, 55.0315,
61.3133

■ 9.0380, 10.6935,
12.1135

■ 66.4351, 74.2900,
82.5899

■ 4.8233, 5.8611,
6.6975

■ 87.7367, 97.5871,
108.2944

■ 2.1776, 2.7608,
3.1981

113.1649,
125.3069, 138.8451

■ 0.7309, 1.0082,
1.1967

143.0850,
157.8339, 174.6607

■ 0.0000, 0.0000,
0.0000

177.8623,

195.5526, 216.1596

217.8623,
238.8472, 263.7605

■ 23.6361, 27.0920,
30.3691

■ 23.6361, 27.0920,
30.3691

■ 21.5499, 26.0334,
29.5443

■ 26.0420, 28.3166,
31.2219

■ 19.7670, 25.1301,
28.7451

■ 28.7783, 29.7106,
32.1017

■ 18.2730, 24.3755,
27.9712

■ 31.8583, 31.2815,
33.0095

■ 17.0516, 23.7612,
27.2218

■ 35.2938, 33.0354,
33.9462

■ 16.0847, 23.2778,
26.4961

■ 39.0960, 34.9781,
34.9121

■ 15.3521, 22.9149,
25.7930

■ 43.2756, 37.1150,
35.9080

■ 14.8303, 22.6604,
25.1114

■ 47.8428, 39.4515,
36.9342

■ 14.4837, 22.4960,
24.4495

■ 52.8076, 41.9927,
37.9915

■ 14.3712, 22.4432,
24.2100

■ 58.0675, 44.6858,
39.0749

Harmonies

Analogous

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



23.7694, 27.0920, 27.1939



23.6361, 27.0920, 30.3691



24.0559, 27.0920, 33.5301

Triad

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



23.6361, 27.0920, 30.3691



27.1218, 27.0920, 34.7447



26.5857, 27.0920, 24.0488

Complementary

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



23.6361, 27.0920, 30.3691



22.8824, 21.8760, 22.7562

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.



27.5221, 27.0920, 25.8039



23.6361, 27.0920, 30.3691



27.8380, 27.0920, 31.9299

Square

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



23.6361, 27.0920, 30.3691



26.0523, 27.0920, 36.1753



27.9866, 27.0920, 28.6449



25.4503, 27.0920, 23.6985

Rectangle

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



23.6361, 27.0920, 30.3691



24.6004, 27.0920, 35.1506



27.9866, 27.0920, 28.6449



26.9351, 27.0920, 24.4874

Sweetspot

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



23.6369, 27.0931, 30.3697



47.2032, 50.9979, 56.1018



22.6433, 26.7495, 22.7090



10.7076, 11.6072, 12.7841



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.6369, 27.0931, 30.3697



40.7348, 47.7081, 53.7761



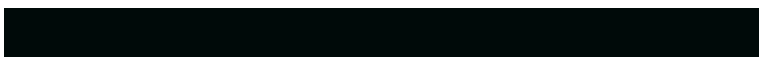
22.5528, 24.5528, 31.1556



5.9332, 6.5499, 7.2592



12.4647, 19.4587, 21.0204



0.1596, 0.2410, 0.2944

Inverse Universe

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



22.8824, 21.8760, 22.7562



39.0930, 36.3525, 37.2067



23.8328, 24.0823, 22.1314



5.8286, 5.8265, 6.2034



10.5346, 5.4189, 1.0302



0.1347, 0.0686, 0.0428

Previews

White Background



This preview shows how the XYZ color 23.6361, 27.0920, 30.3691 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 23.6361, 27.0920, 30.3691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

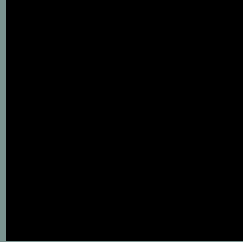
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.6361, 27.0920, 30.3691

Background



This preview shows how black text looks on a background with the XYZ color 23.6361, 27.0920, 30.3691.



This preview shows how white text looks on a background with the XYZ color 23.6361, 27.0920,

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

23.6361, 27.0920, 30.3691

Protanopia

26.0096, 26.9926, 29.0385

Deuteranopia

27.4604, 26.8367, 30.9268



Tritanopia

24.6686, 27.0451, 35.8183

Trichromacy



Original Color

23.6361, 27.0920, 30.3691

Protanomaly

25.0215, 26.9163, 29.4678

Deuteranomaly

25.9634, 26.9337, 30.6184

Tritanomaly

24.2586, 27.1099, 33.6599

Monochromacy



Original Color

23.6361, 27.0920, 30.3691

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.1536, 26.2556, 28.9941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6361, 27.0920, 30.3691 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(123, 147, 144)` looks like.

```
.text, #text, p{  
    color:rgb(123, 147, 144)  
}
```

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(123, 147, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 147, 144) }
```

Border

The CSS property to change the border of an element to XYZ 23.6361, 27.0920, 30.3691 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(123, 147, 144) }
```


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

```
.border{ border-color:rgb(123, 147, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 147, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 147, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 147, 144);  
box-shadow:4px 4px 4px 4px rgb(123, 147,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6361, 27.0920, 30.3691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 147, 144) }
```

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

```
.background{ background-color: rgb(123,  
147, 144) }
```

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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