

Converting Colors

XYZ(23.7604, 29.5757, 31.9370)

Have a look what the booklet for
XYZ(23.7604, 29.5757, 31.9370)
contains.

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Color

**XYZ(23.7538, 29.5355,
32.0527)**

Conversions

Conversions Part 1

Format	Color
Hex	6E9D93
RGB	110, 157, 147
RGB Percent	43%, 62%, 58%
CMY	0.5686, 0.3843, 0.4235
CMYK	0.30, 0.00, 0.06, 0.38
HSL	167°, 19%, 52%
HSV	167°, 30%, 62%
XYZ	23.7538, 29.5355, 32.0527
YIQ	141.8070, -24.8020, -13.0740

Conversions

Conversions Part 2

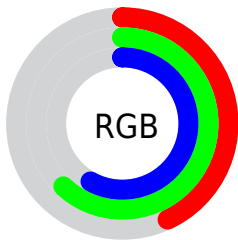
Format	Color
RYB	110, 136, 157
Decimal	7249299
CIELab	61.25, -18.03, 0.15
CIELCh	61, 18.035, 179.533
Yxy	29.5355, 0.2783, 0.3461
Android (android.graphics.Color)	4285439379 (0xFF6E9D93)
YUV	141.8070, 2.5601, -27.8947
Hunter-Lab	54.3466, -17.0877, 3.0744

Details

The XYZ color **23.7538, 29.5355, 32.0527** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.8717, 19.6768, 20.3629**, and the grayscale version is **25.6327, 26.9676, 29.3678**.

A 20% lighter version of the original color is **49.1904, 59.0905, 64.0713**, and **9.1752, 12.1318, 13.1673** is the 20% darker color. If you saturate the color by 10%, you get **21.7126, 28.5139, 30.6089**, and if you desaturate by 10%, it is **26.1504, 30.7410, 33.5542**.

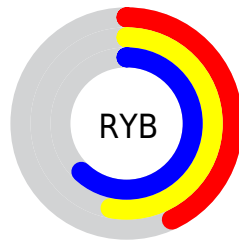
Distribution



Red (43%)

Green (62%)

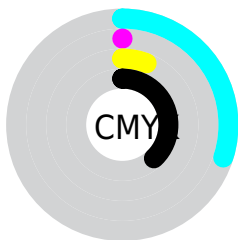
Blue (58%)



Red (43%)

Yellow (53%)

Blue (62%)

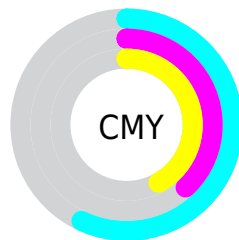


Cyan (30%)

Magenta (0%)

Yellow (6%)

Black (38%)



Cyan (57%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7538, 29.5355, 32.0527 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 23.7538, 29.5355, 32.0527 by changing the saturation by 10% instead.

■ 23.7538, 29.5355,
32.0527

■ 23.7538, 29.5355,
32.0527

264.0370,
299.7333, 325.8594

■ 15.2748, 19.4863,
21.1366

■ 49.0857, 58.9268,
63.9926

■ 9.1001, 12.0222,
13.0317

■ 66.6694, 79.0377,
85.8534

■ 4.8641, 6.7588,
7.3194

■ 88.0187, 103.2713,
112.1996

■ 2.2017, 3.3117,
3.5812

■ 113.4990,
132.0120, 143.4496

■ 0.7436, 1.2966,
1.3985

143.4756,
165.6441, 180.0221

■ 0.0000, 0.1385,
0.1406

178.3139,

■ 0.0000, 0.0000,

204.5521, 222.3355

0.0000

218.3793,
249.1204, 270.8084

■ 23.7538, 29.5355,
32.0527

■ 23.7538, 29.5355,
32.0527

■ 21.7126, 28.5139,
30.6089

■ 26.1504, 30.7410,
33.5542

■ 20.0060, 27.6631,
29.2195

■ 28.9169, 32.1356,
35.1124

■ 18.6148, 26.9740,
27.8840

■ 32.0700, 33.7285,
36.7291

■ 17.5168, 26.4352,
26.6010

■ 35.6247, 35.5276,
38.4054

■ 16.6869, 26.0338,
25.3689

■ 39.5950, 37.5401,
40.1421

■ 16.0956, 25.7545,
24.1860

■ 43.9946, 39.7729,
41.9403

■ 15.6724, 25.5611,
23.0488

■ 48.8361, 42.2326,
43.8009

■ 15.6699, 25.5599,
23.0417

■ 54.1319, 44.9256,
45.7247

■ 59.8937, 47.8579,
47.7126

Harmonies

Analogous

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



24.3216, 29.5355, 25.9795



23.7538, 29.5355, 32.0527



24.2878, 29.5355, 39.0380

Triad

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



23.7538, 29.5355, 32.0527



30.3817, 29.5355, 44.9175



30.4496, 29.5355, 22.1621

Complementary

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



23.7538, 29.5355, 32.0527



22.8717, 19.6768, 20.3629

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.



32.2315, 29.5355, 26.1399



23.7538, 29.5355, 32.0527



32.1907, 29.5355, 39.2484

Square

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



23.7538, 29.5355, 32.0527



28.0354, 29.5355, 47.0713



32.8855, 29.5355, 32.2658



28.1098, 29.5355, 20.7847

Rectangle

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



23.7538, 29.5355, 32.0527



25.2149, 29.5355, 43.1569



32.8855, 29.5355, 32.2658



31.1384, 29.5355, 23.2091

Sweetspot

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



23.7546, 29.5367, 32.0534



52.1914, 57.7543, 63.0975



22.6435, 29.2471, 19.2041



11.3256, 12.6283, 13.7990



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.7546, 29.5367, 32.0534



40.0022, 51.6229, 55.6433



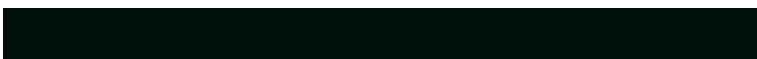
22.4424, 25.6010, 35.6583



6.7614, 7.4853, 8.1779



12.7401, 20.7640, 18.7862



0.2417, 0.3768, 0.4092

Inverse Universe

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



22.8717, 19.6768, 20.3629



38.1621, 31.0332, 31.2496



23.8423, 22.5393, 17.8462



6.6880, 6.6681, 7.2079



11.5324, 5.9175, 1.7888



0.2198, 0.1112, 0.1034

Previews

White Background



This preview shows how the XYZ color 23.7538, 29.5355, 32.0527 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 23.7538, 29.5355, 32.0527 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

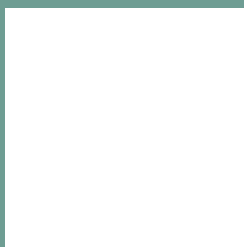
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.7538, 29.5355, 32.0527

Background



This preview shows how black text looks on a background with the XYZ color 23.7538, 29.5355, 32.0527.

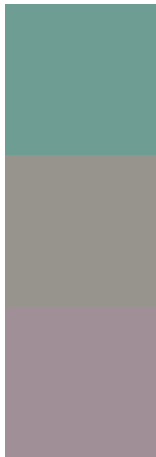


This preview shows how white text looks on a background with the XYZ color 23.7538, 29.5355,

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

23.7538, 29.5355, 32.0527

Protanopia

28.0039, 29.3698, 29.3923

Deuteranopia

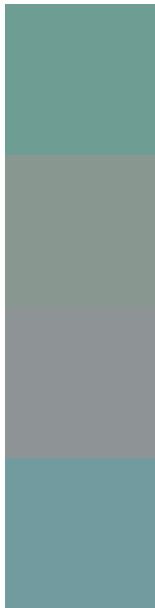
29.8247, 29.3205, 32.9417



Tritanopia

25.3780, 29.4418, 40.4217

Trichromacy



Original Color

23.7538, 29.5355, 32.0527

Protanomaly

26.1779, 29.3506, 30.2721

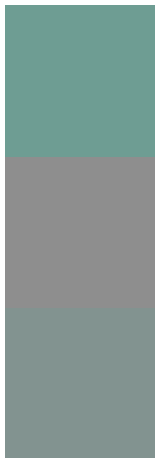
Deuteranomaly

27.1700, 29.1005, 32.6187

Tritanomaly

24.7894, 29.4566, 37.1800

Monochromacy



Original Color

23.7538, 29.5355, 32.0527

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.6737, 27.6269, 30.4176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7538, 29.5355, 32.0527 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(110, 157, 147)` looks like.

```
.text, #text, p{  
    color:rgb(110, 157, 147)  
}
```

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(110, 157, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 157, 147) }
```

Border

The CSS property to change the border of an element to XYZ 23.7538, 29.5355, 32.0527 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(110, 157, 147) }
```


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

```
.border{ border-color:rgb(110, 157, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 157, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 157, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 157, 147);  
box-shadow:4px 4px 4px 4px rgb(110, 157,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7538, 29.5355, 32.0527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 157, 147) }
```

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

```
.background{ background-color: rgb(110,  
157, 147) }
```

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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