

Converting Colors

XYZ(23.5693, 25.3357, 32.5855)

Have a look what the booklet for
XYZ(23.5693, 25.3357, 32.5855)
contains.

XYZ(23.6355, 25.4702, 32.5247)	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(23.6355, 25.4702,
32.5247)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8C96
RGB	127, 140, 150
RGB Percent	50%, 55%, 59%
CMY	0.5020, 0.4510, 0.4118
CMYK	0.15, 0.07, 0.00, 0.41
HSL	206°, 10%, 54%
HSV	206°, 15%, 59%
XYZ	23.6355, 25.4702, 32.5247
YIQ	137.2530, -10.9580, 0.3540

Conversions

Conversions Part 2

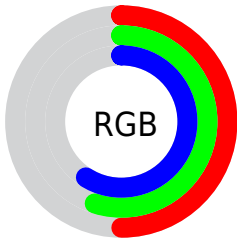
Format	Color
R_{YB}	127, 135, 150
Decimal	8359062
CIE _{Lab}	57.53, -2.52, -6.92
CIE _{LCh}	58, 7.363, 249.975
Yxy	25.4702, 0.2895, 0.3120
Android (android.graphics.Color)	4286549142 (0xFF7F8C96)
YUV	137.2530, 6.2843, -8.9919
Hunter-Lab	50.4680, -4.7228, -2.8825

Details

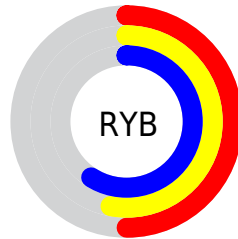
The XYZ color **23.6355, 25.4702, 32.5247** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.3543, 25.9076, 23.7435**, and the grayscale version is **23.8541, 25.0964, 27.3299**.

A 20% lighter version of the original color is **49.0133, 52.6465, 64.7053**, and **9.0502, 9.8329, 13.2253** is the 20% darker color. If you saturate the color by 10%, you get **20.6411, 22.5544, 32.1201**, and if you desaturate by 10%, it is **27.0205, 28.6725, 32.9648**.

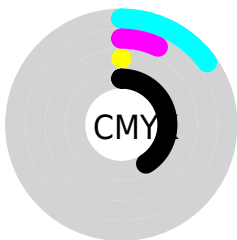
Distribution



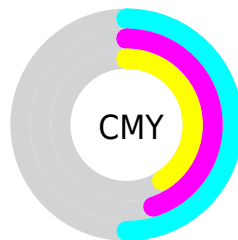
- Red (50%)
- Green (55%)
- Blue (59%)



- Red (50%)
- Yellow (53%)
- Blue (59%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (41%)



- Cyan (50%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6355, 25.4702, 32.5247 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 23.6355, 25.4702, 32.5247 by changing the saturation by 10% instead.

■ 23.6355, 25.4702,
32.5247

■ 23.6355, 25.4702,
32.5247

263.4473,
280.1715, 328.0686

■ 15.1867, 16.4277,
21.4945

■ 48.8937, 52.4190,
64.7402

■ 9.0377, 9.8273,
13.2912

■ 66.4339, 71.0941,
86.7625

■ 4.8231, 5.2846,
7.4963

■ 87.7353, 93.7489,
113.2859

■ 2.1775, 2.4152,
3.6912

113.1632,
120.7677, 144.7290

■ 0.7309, 0.8337,
1.4575

143.0830,
152.5350, 181.5103

■ 0.0000, 0.0000,
0.1860

177.8600,

■ 0.0000, 0.0000,

189.4351, 224.0483

0.0000

217.8597,
231.8525, 272.7615

■ 23.6355, 25.4702,
32.5247

■ 23.6355, 25.4702,
32.5247

■ 20.6411, 22.5544,
32.1201

■ 27.0205, 28.6725,
32.9648

■ 18.0195, 19.9124,
31.7483

■ 30.8085, 32.1672,
33.4397

■ 15.7546, 17.5353,
31.4089

■ 35.0142, 35.9638,
33.9509

■ 13.8283, 15.4122,
31.1006

■ 39.6508, 40.0705,
34.4991

■ 12.2209, 13.5312,
30.8223

■ 44.7308, 44.4950,
35.0854

■ 10.9101, 11.8794,
30.5725

■ 50.2664, 49.2449,
35.7105

■ 9.8707, 10.4421,
30.3499

■ 56.2691, 54.3274,
36.3751

■ 9.0692, 9.2002,
30.1524

■ 62.7501, 59.7494,
37.0801

■ 8.7375, 8.6669,
30.0670

■ 67.0968, 64.1654,
37.7034

Harmonies

Analogous

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



22.9386, 25.4702, 30.9542



23.6355, 25.4702, 32.5247



24.5021, 25.4702, 32.7690

Triad

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



23.6355, 25.4702, 32.5247



25.9086, 25.4702, 26.9042



23.1408, 25.4702, 24.1922

Complementary

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



23.6355, 25.4702, 32.5247



25.3543, 25.9076, 23.7435

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.



23.9176, 25.4702, 23.2409



23.6355, 25.4702, 32.5247



25.5247, 25.4702, 24.7429

Square

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



23.6355, 25.4702, 32.5247



25.8287, 25.4702, 29.4205



24.7910, 25.4702, 23.4362



22.6579, 25.4702, 26.1108

Rectangle

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



23.6355, 25.4702, 32.5247



25.0614, 25.4702, 32.1324



24.7910, 25.4702, 23.4362



23.3755, 25.4702, 23.7541

Sweetspot

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



23.6363, 25.4713, 32.5253



47.8330, 50.7386, 58.1937



24.1722, 28.1304, 27.8105



10.5118, 11.1616, 12.8852



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.



23.6363, 25.4713, 32.5253



40.0438, 43.3429, 57.1767



22.0468, 22.2924, 31.9955



5.7551, 6.1443, 7.3524



7.2789, 7.2526, 24.9473



0.1185, 0.1475, 0.3151

Inverse Universe

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



24.9013, 23.5568, 28.0466



42.6804, 39.4502, 47.8202



27.0721, 29.3433, 24.3161



5.9298, 5.8670, 6.7367



11.8011, 5.9255, 7.6998



0.1593, 0.0785, 0.1723

Previews

White Background



This preview shows how the XYZ color 23.6355, 25.4702, 32.5247 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 23.6355, 25.4702, 32.5247 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

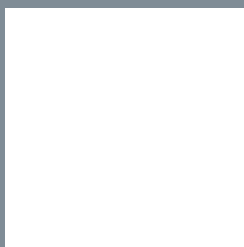
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6355, 25.4702, 32.5247

Background



This preview shows how black text looks on a background with the XYZ color 23.6355, 25.4702, 32.5247.



This preview shows how white text looks on a background with the XYZ color 23.6355, 25.4702,

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

23.6355, 25.4702, 32.5247

Protanopia

24.6075, 25.3478, 31.6126

Deuteranopia

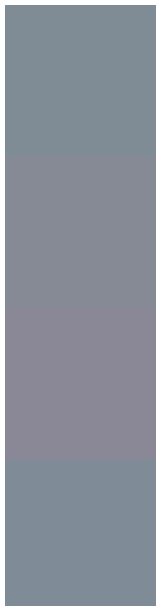
25.7881, 25.3043, 32.8032



Tritanopia

23.7164, 25.5026, 32.9507

Trichromacy



Original Color

23.6355, 25.4702, 32.5247

Protanomaly

24.1862, 25.3334, 32.0489

Deuteranomaly

24.8713, 25.2460, 32.8403

Tritanomaly

23.7164, 25.5026, 32.9507

Monochromacy



Original Color

23.6355, 25.4702, 32.5247

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6438, 25.1165, 29.1930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6355, 25.4702, 32.5247 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(127, 140, 150)` looks like.

```
.text, #text, p{  
    color:rgb(127, 140, 150)  
}
```

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(127, 140, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 140, 150) }
```

Border

The CSS property to change the border of an element to XYZ 23.6355, 25.4702, 32.5247 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(127, 140, 150) }
```


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

```
.border{ border-color:rgb(127, 140, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 140, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 140, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 140, 150);  
box-shadow:4px 4px 4px 4px rgb(127, 140,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6355, 25.4702, 32.5247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 140, 150) }
```

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

```
.background{ background-color: rgb(127,  
140, 150) }
```

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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