

Converting Colors

XYZ(22.9338, 23.6627, 37.6590)

Have a look what the booklet for
XYZ(22.9338, 23.6627, 37.6590)
contains.

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Color

**XYZ(22.9318, 23.7238,
37.5529)**

Conversions

Conversions Part 1

Format	Color
Hex	7986A2
RGB	121, 134, 162
RGB Percent	47%, 53%, 64%
CMY	0.5255, 0.4745, 0.3647
CMYK	0.25, 0.17, 0.00, 0.36
HSL	221°, 18%, 55%
HSV	221°, 25%, 64%
XYZ	22.9318, 23.7238, 37.5529
YIQ	133.3050, -16.7360, 5.9520

Conversions

Conversions Part 2

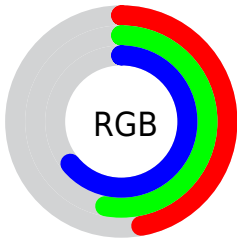
Format	Color
R_{YB}	121, 131, 162
Decimal	7964322
CIE _{Lab}	55.81, 1.74, -16.45
CIE _{LCh}	56, 16.538, 276.049
Yxy	23.7238, 0.2723, 0.2817
Android (android.graphics.Color)	4286154402 (0xFF7986A2)
YUV	133.3050, 14.1466, -10.7915
Hunter-Lab	48.7071, -1.1977, -11.6173

Details

The XYZ color **22.9318, 23.7238, 37.5529** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **29.0991, 30.5566, 22.4540**, and the grayscale version is **22.3604, 23.5249, 25.6186**.

A 20% lighter version of the original color is **47.7503, 49.5491, 72.6929**, and **8.6615, 8.9624, 16.0253** is the 20% darker color. If you saturate the color by 10%, you get **19.3996, 19.7510, 36.9726**, and if you desaturate by 10%, it is **27.0067, 28.2150, 38.2054**.

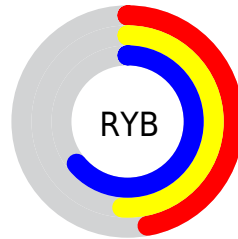
Distribution



Red (47%)

Green (53%)

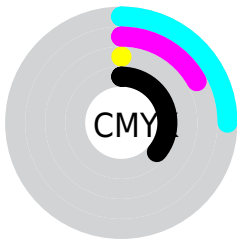
Blue (64%)



Red (47%)

Yellow (51%)

Blue (64%)

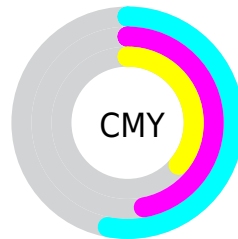


Cyan (25%)

Magenta (17%)

Yellow (0%)

Black (36%)



Cyan (53%)

Magenta (47%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9318, 23.7238, 37.5529 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 22.9318, 23.7238, 37.5529 by changing the saturation by 10% instead.

■ 22.9318, 23.7238,
37.5529

■ 22.9318, 23.7238,
37.5529

259.9164,
271.4211, 350.9386

■ 14.6636, 15.1289,
25.3367

■ 47.7488, 49.5791,
72.6181

■ 8.6684, 8.9099,
16.1068

■ 65.0283, 67.6083,
96.3043

■ 4.5809, 4.6824,
9.4446

■ 86.0422, 89.5509,
124.6508

■ 2.0357, 2.0622,
4.9315

111.1560,
115.7916, 158.0763

■ 0.6539, 0.6432,
2.1491

140.7350,
146.7145, 196.9993

■ 0.0000, 0.0000,
0.6448

175.1444,

■ 0.0000, 0.0000,

182.7041, 241.8383

0.0000

214.7498,
224.1449, 293.0119

■ 22.9318, 23.7238,
37.5529

■ 22.9318, 23.7238,
37.5529

■ 19.3996, 19.7510,
36.9726

■ 27.0067, 28.2150,
38.2054

■ 16.3840, 16.2742,
36.4605

■ 31.6445, 33.2402,
38.9309

■ 13.8599, 13.2733,
36.0143

■ 36.8671, 38.8180,
39.7323

■ 11.7991, 10.7258,
35.6312

■ 42.6943, 44.9650,
40.6117

■ 10.1704, 8.6070,
35.3081

■ 49.1451, 51.6972,
41.5711

■ 8.9382, 6.8896,
35.0415

■ 56.2379, 59.0299,
42.6126

■ 8.0584, 5.5410,
34.8276

■ 63.9899, 66.9779,
43.7382

■ 7.7218, 5.0090,
34.7426

■ 72.4178, 75.5555,
44.9496

■ 77.0617, 82.4687,
46.0392

Harmonies

Analogous

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



21.1131, 23.7238, 36.4931



22.9318, 23.7238, 37.5529



24.7434, 23.7238, 35.1369

Triad

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



22.9318, 23.7238, 37.5529



25.5991, 23.7238, 20.2059



19.4042, 23.7238, 21.8527

Complementary

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



22.9318, 23.7238, 37.5529



29.0991, 30.5566, 22.4540

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.



20.4879, 23.7238, 18.3333



22.9318, 23.7238, 37.5529



24.0481, 23.7238, 17.4789

Square

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



22.9318, 23.7238, 37.5529



26.3374, 23.7238, 24.7556



22.1700, 23.7238, 16.8442



19.1421, 23.7238, 26.9375

Rectangle

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



22.9318, 23.7238, 37.5529



25.6818, 23.7238, 32.0543



22.1700, 23.7238, 16.8442



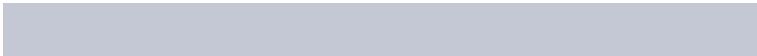
19.6815, 23.7238, 20.4706

Sweetspot

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



22.9325, 23.7248, 37.5534



54.9469, 57.6494, 70.2876



26.1776, 32.0547, 32.9634



12.0608, 12.6450, 15.7426



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



22.9325, 23.7248, 37.5534



38.1366, 39.1587, 67.6045



22.2365, 20.8602, 37.0372



6.8753, 7.2095, 8.9323



6.1185, 4.0164, 27.3825



0.1694, 0.1661, 0.5890

Inverse Universe

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



26.0413, 23.0779, 25.6373



44.7598, 38.0115, 42.1656



29.9215, 34.2066, 23.1152



7.1620, 7.1213, 7.8396



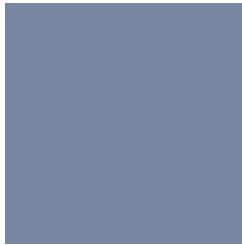
12.2338, 6.2496, 3.1559



0.2777, 0.1396, 0.1749

Previews

White Background



This preview shows how the XYZ color 22.9318, 23.7238, 37.5529 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 22.9318, 23.7238, 37.5529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

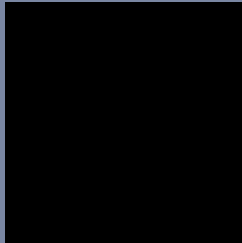
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

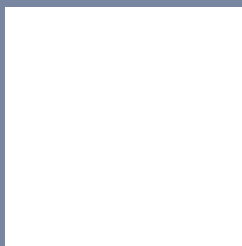
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.9318, 23.7238, 37.5529

Background



This preview shows how black text looks on a background with the XYZ color 22.9318, 23.7238, 37.5529.



This preview shows how white text looks on a background with the XYZ color 22.9318, 23.7238,

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

22.9318, 23.7238, 37.5529

Protanopia

23.4367, 23.5878, 37.0359

Deuteranopia

24.2429, 23.7825, 37.9631



Tritanopia

21.6833, 23.8495, 31.0643

Trichromacy



Original Color

22.9318, 23.7238, 37.5529

Protanomaly

23.2780, 23.7082, 37.0675

Deuteranomaly

23.7642, 23.7361, 37.9793

Tritanomaly

22.0794, 23.7973, 33.1354

Monochromacy



Original Color

22.9318, 23.7238, 37.5529

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.4748, 23.4558, 29.7284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9318, 23.7238, 37.5529 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(121, 134, 162)` looks like.

```
.text, #text, p{  
    color:rgb(121, 134, 162)  
}
```

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(121, 134, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 134, 162) }
```

Border

The CSS property to change the border of an element to XYZ 22.9318, 23.7238, 37.5529 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(121, 134, 162) }
```


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

```
.border{ border-color:rgb(121, 134, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 134, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 134, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 134, 162);  
box-shadow:4px 4px 4px 4px rgb(121, 134,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9318, 23.7238, 37.5529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 134, 162) }
```

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

```
.background{ background-color: rgb(121,  
134, 162) }
```

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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