

Converting Colors

XYZ(22.4435, 23.9562, 26.4181)

Have a look what the booklet for
XYZ(22.4435, 23.9562, 26.4181)
contains.

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Color

**XYZ(22.3972, 23.9025,
26.3549)**

Conversions

Conversions Part 1

Format	Color
Hex	838787
RGB	131, 135, 135
RGB Percent	51%, 53%, 53%
CMY	0.4863, 0.4706, 0.4706
CMYK	0.03, 0.00, 0.00, 0.47
HSL	180°, 2%, 52%
HSV	180°, 3%, 53%
XYZ	22.3972, 23.9025, 26.3549
YIQ	133.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

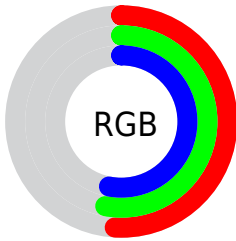
Format	Color
R_{YB}	131, 133, 135
Decimal	8619911
CIE _{Lab}	55.99, -1.47, -0.52
CIE _{LCh}	56, 1.560, 199.514
Yxy	23.9025, 0.3083, 0.3290
Android (android.graphics.Color)	4286809991 (0xFF838787)
YUV	133.8040, 0.5896, -2.4591
Hunter-Lab	48.8902, -3.7848, 2.2621

Details

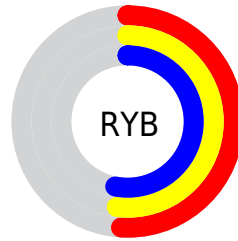
The XYZ color **22.3972, 23.9025, 26.3549** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.2055, 23.0228, 24.7473**, and the grayscale version is **22.5871, 23.7634, 25.8784**.

A 20% lighter version of the original color is **46.8275, 49.7876, 54.7189**, and **8.3679, 8.9467, 9.8802** is the 20% darker color. If you saturate the color by 10%, you get **20.4407, 22.8946, 26.2611**, and if you desaturate by 10%, it is **24.6275, 25.0529, 26.4625**.

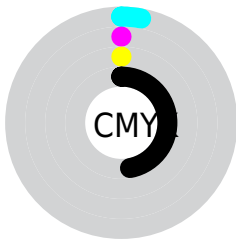
Distribution



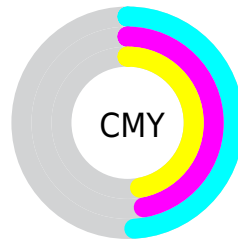
- Red (51%)
- Green (53%)
- Blue (53%)



- Red (51%)
- Yellow (52%)
- Blue (53%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



- Cyan (49%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3972, 23.9025, 26.3549 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 22.3972, 23.9025, 26.3549 by changing the saturation by 10% instead.

■ 22.3972, 23.9025,
26.3549

■ 22.3972, 23.9025,
26.3549

257.2071,
272.3272, 298.1807

■ 14.2673, 15.2613,
16.8612

■ 46.8756, 49.8710,
54.8380

■ 8.3897, 9.0030,
9.9747

■ 63.9548, 67.9672,
74.6645

■ 4.3992, 4.7431,
5.2768

■ 84.7478, 89.9838,
98.7724

■ 1.9304, 2.0973,
2.3490

109.6199,
116.3052, 127.5801

■ 0.5944, 0.6631,
0.7585

138.9366,
147.3159, 161.5063

■ 0.0000, 0.0000,
0.0000

173.0631,

183.4002, 200.9694

212.3648,
224.9425, 246.3880

■ 22.3972, 23.9025,
26.3549

■ 22.3972, 23.9025,
26.3549

■ 20.4407, 22.8946,
26.2611

■ 24.6275, 25.0529,
26.4625

■ 18.7456, 22.0208,
26.1791

■ 27.1396, 26.3478,
26.5827

■ 17.3014, 21.2764,
26.1088

■ 29.9433, 27.7932,
26.7166

■ 16.0961, 20.6551,
26.0497

■ 33.0478, 29.3935,
26.8646

■ 15.1170, 20.1504,
26.0012

■ 36.4616, 31.1534,
27.0271

■ 14.3499, 19.7550,
25.9626

■ 40.1930, 33.0769,
27.2044

■ 13.7791, 19.4608,
25.9332

■ 44.2497, 35.1681,
27.3969

■ 13.3869, 19.2586,
25.9122

■ 48.6396, 37.4311,
27.6051

■ 13.1519, 19.1376,
25.8985

■ 53.3699, 39.8696,
27.8291

Harmonies

Analogous

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



22.3834, 23.9025, 25.8476



22.3972, 23.9025, 26.3549



22.4969, 23.9025, 26.7792

Triad

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



22.3972, 23.9025, 26.3549



22.9802, 23.9025, 26.6680



22.7810, 23.9025, 25.0728

Complementary

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



22.3972, 23.9025, 26.3549



22.2055, 23.0228, 24.7473

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.



22.9418, 23.9025, 25.2866



22.3972, 23.9025, 26.3549



23.0572, 23.9025, 26.2048

Square

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



22.3972, 23.9025, 26.3549



22.8332, 23.9025, 26.9616



23.0431, 23.9025, 25.6994



22.6044, 23.9025, 25.1118

Rectangle

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



22.3972, 23.9025, 26.3549



22.5989, 23.9025, 26.9558



23.0431, 23.9025, 25.6994



22.8387, 23.9025, 25.1174

Sweetspot

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



22.3979, 23.9035, 26.3554



40.8450, 43.1842, 47.2305



22.1318, 23.7983, 24.9001



9.4653, 10.0041, 10.9383



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



22.3979, 23.9035, 26.3554



39.6900, 42.5888, 47.1750



22.1305, 23.3686, 26.2671



5.0069, 5.3847, 5.9759



12.0172, 17.5897, 23.8736



0.0416, 0.0609, 0.0828

Inverse Universe

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



22.2055, 23.0228, 24.7473



39.2183, 40.4289, 43.2312



22.4677, 23.5472, 24.8339



4.9405, 5.0808, 5.4210



9.2140, 4.7499, 0.4332



0.0319, 0.0165, 0.0015

Previews

White Background



This preview shows how the XYZ color 22.3972, 23.9025, 26.3549 looks on a white background.

Color Contrast Check

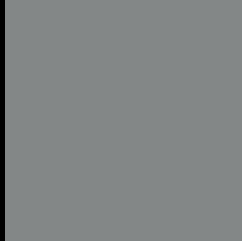
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3972, 23.9025, 26.3549 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

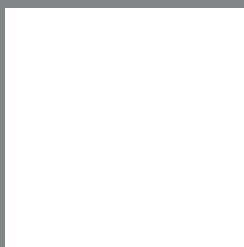
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.3972, 23.9025, 26.3549

Background



This preview shows how black text looks on a background with the XYZ color 22.3972, 23.9025, 26.3549.



This preview shows how white text looks on a background with the XYZ color 22.3972, 23.9025,

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

22.3972, 23.9025, 26.3549

Protanopia

22.8439, 23.7305, 25.9307

Deuteranopia

24.2806, 23.8538, 26.6171



Tritanopia

23.0749, 23.9693, 29.7959

Trichromacy



Original Color

22.3972, 23.9025, 26.3549

Protanomaly

22.6597, 23.8398, 25.9615

Deuteranomaly

23.6797, 23.9428, 26.6659

Tritanomaly

22.8485, 23.8788, 28.6041

Monochromacy



Original Color

22.3972, 23.9025, 26.3549

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.5010, 23.7580, 25.9541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3972, 23.9025, 26.3549 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(131, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(131, 135, 135)  
}
```

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(131, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 135, 135) }
```

Border

The CSS property to change the border of an element to XYZ 22.3972, 23.9025, 26.3549 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(131, 135, 135) }
```


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

```
.border{ border-color:rgb(131, 135, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(131, 135,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3972, 23.9025, 26.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 135, 135) }
```

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

```
.background{ background-color: rgb(131,  
135, 135) }
```

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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