

Converting Colors

XYZ(22.5893, 13.6376, 6.2922)

Have a look what the booklet for
XYZ(22.5893, 13.6376, 6.2922)
contains.

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Color

**XYZ(22.5893, 13.6376,
6.2922)**

Conversions

Conversions Part 1

Format	Color
Hex	BA3840
RGB	186, 56, 64
RGB Percent	73%, 22%, 25%
CMY	0.2706, 0.7804, 0.7490
CMYK	0.00, 0.70, 0.66, 0.27
HSL	356°, 54%, 47%
HSV	356°, 70%, 73%
XYZ	22.5893, 13.6376, 6.2922
YIQ	95.7820, 74.9120, 30.0480

Conversions

Conversions Part 2

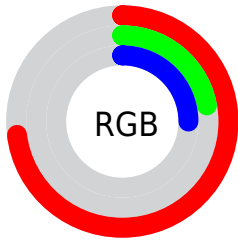
Format	Color
RYB	186, 56, 64
Decimal	12204096
CIELab	43.71, 52.35, 25.62
CIElCh	44, 58.282, 26.081
Yxy	13.6376, 0.5313, 0.3207
Android (android.graphics.Color)	4290394176 (0xFFBA3840)
YUV	95.7820, -15.6685, 79.1212
Hunter-Lab	36.9291, 44.5613, 15.7482

Details

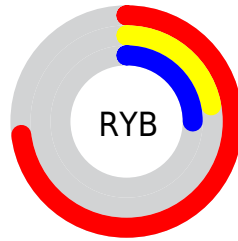
The XYZ color **22.5893, 13.6376, 6.2922** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **27.2268, 39.1733, 48.2497**, and the grayscale version is **11.0902, 11.6677, 12.7061**.

A 20% lighter version of the original color is **47.3205, 32.4952, 19.1074**, and **8.7490, 4.4935, 1.1653** is the 20% darker color. If you saturate the color by 10%, you get **21.4279, 11.9893, 3.8261**, and if you desaturate by 10%, it is **24.2416, 16.0192, 9.6890**.

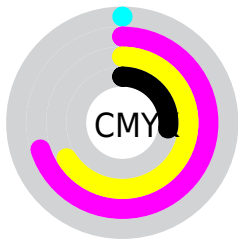
Distribution



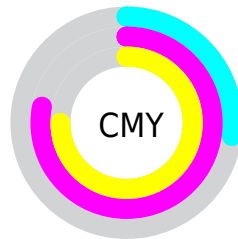
- Red (73%)
- Green (22%)
- Blue (25%)



- Red (73%)
- Yellow (22%)
- Blue (25%)



- Cyan (0%)
- Magenta (70%)
- Yellow (66%)
- Black (27%)





- Cyan (27%)
- Magenta (78%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.5893, 13.6376, 6.2922 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 22.5893, 13.6376, 6.2922 by changing the saturation by 10% instead.


 22.5893, 13.6376,
6.2922


 22.5893, 13.6376,
6.2922


258.1834,
214.9645, 171.0470


 14.4096, 7.8690,
2.9519


 47.1897, 32.4446,
19.0225


 8.4897, 4.0113,
1.0701


 64.3411, 46.2518,
29.2495

 4.4643, 1.6799,
0.0000

 85.2137, 63.5074,
42.6093

 1.9680, 0.4106,
0.0000

 110.1730, 84.5958,
59.5202

 0.6159, 0.0000,
0.0000

 139.5843,
109.9013, 80.4009

 0.0000, 0.0000,
0.0000

 173.8128,

139.8083, 105.6699

213.2241,
174.7012, 135.7458

■ 22.5893, 13.6376,
6.2922

■ 22.5893, 13.6376,
6.2922

■ 21.4279, 11.9893,
3.8261

■ 24.2416, 16.0192,
9.6890

■ 20.7021, 10.9875,
2.1978

■ 26.4303, 19.2036,
14.0963

■ 20.3160, 10.4692,
1.2861

■ 29.1966, 23.2547,
19.5857

■ 20.3126, 10.4642,
1.2792

■ 32.5776, 28.2295,
26.2225

■ 36.6073, 34.1801,
34.0666

■ 41.3170, 41.1546,
43.1737

■ 46.7361, 49.1981,
53.5963

■ 52.8924, 58.3529,
65.3835

■ 59.8120, 68.6590,
78.5823

Harmonies

Analogous

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



23.8819, 13.6376, 16.6405



22.5893, 13.6376, 6.2922



18.5233, 13.6376, 2.2133

Triad

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



22.5893, 13.6376, 6.2922



6.9419, 13.6376, 4.7536



12.3695, 13.6376, 56.8965

Complementary

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



22.5893, 13.6376, 6.2922



27.2268, 39.1733, 48.2497

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.



8.6430, 13.6376, 47.1484



22.5893, 13.6376, 6.2922



6.0121, 13.6376, 13.1910

Square

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



22.5893, 13.6376, 6.2922



9.4633, 13.6376, 1.7632



6.5524, 13.6376, 28.9251



17.2318, 13.6376, 50.9714

Rectangle

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



22.5893, 13.6376, 6.2922



15.1980, 13.6376, 1.3575



6.5524, 13.6376, 28.9251



10.9571, 13.6376, 55.2438

Sweetspot

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



22.5896, 13.6384, 6.2924



65.2115, 60.2658, 59.5324



28.4850, 15.7606, 47.9950



13.8987, 12.5890, 12.2122



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



22.5896, 13.6384, 6.2924



38.0250, 20.5983, 5.1351



26.7952, 22.3877, 6.6515



9.0264, 9.0209, 9.4865



13.6758, 7.0441, 0.9135



0.4897, 0.2514, 0.0722

Inverse Universe

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



22.5896, 13.6384, 6.2924



38.0250, 20.5983, 5.1351



18.4331, 20.2638, 49.3940



9.0264, 9.0209, 9.4865



13.6758, 7.0441, 0.9135



0.4897, 0.2514, 0.0722

Previews

White Background



This preview shows how the XYZ color 22.5893, 13.6376, 6.2922 looks on a white 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

Black Background



This preview shows how the XYZ color 22.5893, 13.6376, 6.2922 looks on a black 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

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

XYZ 22.5893, 13.6376, 6.2922

Background



This preview shows how black text looks on a background with the XYZ color 22.5893, 13.6376, 6.2922.



This preview shows how white text looks on a background with the XYZ color 22.5893, 13.6376,

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

22.5893, 13.6376, 6.2922

Protanopia

13.0672, 13.9047, 10.1788

Deuteranopia

13.9528, 13.7311, 5.7859



Tritanopia

22.5284, 13.6916, 5.7303

Trichromacy



Original Color

22.5893, 13.6376, 6.2922

Protanomaly

15.1939, 12.7415, 8.4960

Deuteranomaly

16.1216, 12.8087, 5.8976

Tritanomaly

22.5551, 13.7023, 5.8709

Monochromacy



Original Color

22.5893, 13.6376, 6.2922

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

13.5959, 11.1921, 9.8312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5893, 13.6376, 6.2922 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(186, 56, 64)` looks like.

```
.text, #text, p{  
    color:rgb(186, 56, 64)  
}
```

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(186, 56, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 56, 64) }
```

Border

The CSS property to change the border of an element to XYZ 22.5893, 13.6376, 6.2922 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(186, 56, 64) }
```


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

```
.border{ border-color:rgb(186, 56, 64) }
```

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

Here you see how a box with a 4 pixel rgb(186, 56, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 56, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 56, 64);  
box-shadow:4px 4px 4px 4px rgb(186, 56,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5893, 13.6376, 6.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 56, 64) }
```

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

```
.background{ background-color: rgb(186, 56,  
64) }
```

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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