

Converting Colors

XYZ(18.2453, 24.7479, 37.2061)

Have a look what the booklet for
XYZ(18.2453, 24.7479, 37.2061)
contains.

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Color

**XYZ(18.2902, 24.8862,
37.0972)**

Conversions

Conversions Part 1

Format	Color
Hex	2C96A0
RGB	44, 150, 160
RGB Percent	17%, 59%, 63%
CMY	0.8274, 0.4118, 0.3725
CMYK	0.72, 0.06, 0.00, 0.37
HSL	185°, 57%, 40%
HSV	185°, 72%, 63%
XYZ	18.2902, 24.8862, 37.0972
YIQ	119.4460, -66.3860, -19.3620

Conversions

Conversions Part 2

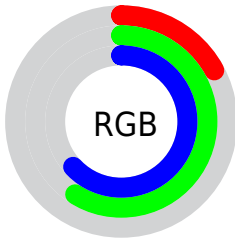
Format	Color
R_{YB}	44, 99, 160
Decimal	2922144
CIE _{Lab}	56.96, -25.83, -13.89
CIE _{LCh}	57, 29.331, 208.259
Yxy	24.8862, 0.2278, 0.3100
Android (android.graphics.Color)	4281112224 (0xFF2C96A0)
YUV	119.4460, 19.9931, -66.1661
Hunter-Lab	49.8861, -21.8555, -9.1701

Details

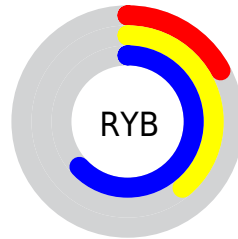
The XYZ color **18.2902, 24.8862, 37.0972** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **16.2716, 10.2945, 3.5131**, and the grayscale version is **17.6306, 18.5487, 20.1996**.

A 20% lighter version of the original color is **40.1605, 51.6947, 72.1514**, and **7.2222, 10.0278, 16.0229** is the 20% darker color. If you saturate the color by 10%, you get **17.5122, 24.1608, 36.9987**, and if you desaturate by 10%, it is **19.3373, 25.7552, 37.2102**.

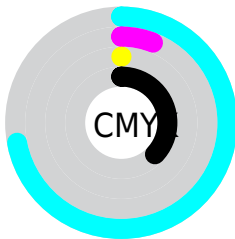
Distribution



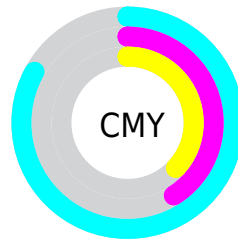
- Red (17%)
- Green (59%)
- Blue (63%)



- Red (17%)
- Yellow (39%)
- Blue (63%)



- Cyan (72%)
- Magenta (6%)
- Yellow (0%)
- Black (37%)



- Cyan (83%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2902, 24.8862, 37.0972 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 18.2902, 24.8862, 37.0972 by changing the saturation by 10% instead.

■ 18.2902, 24.8862,
37.0972

■ 18.2902, 24.8862,
37.0972

235.5158,
277.2707, 348.9125

■ 11.2595, 15.9923,
24.9864

■ 40.0574, 51.4725,
71.9103

■ 6.3102, 9.5187,
15.8480

■ 55.5246, 69.9338,
95.4496

■ 3.0771, 5.0810,
9.2635

■ 74.5347, 92.3529,
123.6355

■ 1.1946, 2.2949,
4.8143

■ 97.4530, 119.1143,
156.8865

■ 0.1021, 0.7710,
2.0819

■ 124.6450,
150.6024, 195.6211

■ 0.0000, 0.0000,
0.6049

156.4758,

■ 0.0000, 0.0000,

187.2016, 240.2580

0.0000

193.3110,
229.2962, 291.2156

■ 18.2902, 24.8862,
37.0972

■ 18.2902, 24.8862,
37.0972

■ 17.5122, 24.1608,
36.9987

■ 19.3373, 25.7552,
37.2102

■ 16.9686, 23.5596,
36.9113

■ 20.6785, 26.7791,
37.3372

■ 16.6563, 23.1602,
36.8506

■ 22.3384, 27.9712,
37.4798

■ 24.3385, 29.3426,
37.6391

■ 26.6984, 30.9033,
37.8159

■ 29.4361, 32.6628,
38.0112

■ 32.5686, 34.6296,
38.2258

■ 36.1115, 36.8120,
38.4603

■ 40.0800, 39.2178,
38.7155

Harmonies

Analogous

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



17.6363, 24.8862, 26.5250



18.2902, 24.8862, 37.0972



20.3401, 24.8862, 46.6222

Triad

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



18.2902, 24.8862, 37.0972



29.7398, 24.8862, 38.3407



23.8552, 24.8862, 12.2245

Complementary

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



18.2902, 24.8862, 37.0972



16.2716, 10.2945, 3.5131

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.



27.3087, 24.8862, 13.9633



18.2902, 24.8862, 37.0972



30.9041, 24.8862, 27.6768

Square

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



18.2902, 24.8862, 37.0972



26.9272, 24.8862, 47.4540



29.9746, 24.8862, 19.0776



20.6567, 24.8862, 13.5964

Rectangle

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



18.2902, 24.8862, 37.0972



22.3323, 24.8862, 50.2115



29.9746, 24.8862, 19.0776



25.0260, 24.8862, 12.4540

Sweetspot

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



18.2910, 24.8871, 37.0978



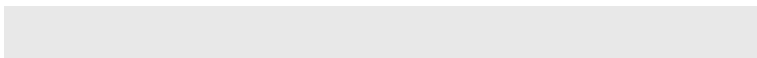
48.5089, 56.1323, 68.6645



14.2682, 25.9409, 7.7051



10.3887, 12.1472, 15.0408



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



18.2910, 24.8871, 37.0978



31.1405, 43.1691, 67.0777



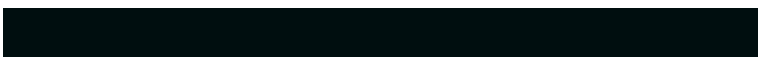
11.2408, 10.7868, 34.7477



6.7729, 7.4116, 8.4803



12.9908, 18.0732, 28.7110



0.2452, 0.3489, 0.5177

Inverse Universe

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



20.9036, 11.4777, 29.9687



36.3913, 18.2311, 52.2981



20.7100, 19.1713, 4.9925



6.8795, 6.7447, 8.2165



15.3554, 7.4467, 21.9201



0.2811, 0.1358, 0.4262

Previews

White Background



This preview shows how the XYZ color 18.2902, 24.8862, 37.0972 looks on a white background.

Color Contrast Check

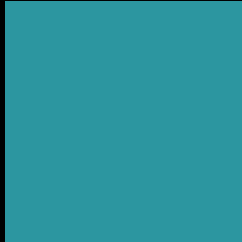
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.2902, 24.8862, 37.0972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

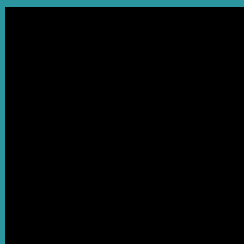
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

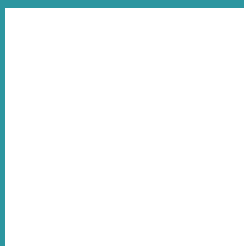
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.2902, 24.8862, 37.0972

Background



This preview shows how black text looks on a background with the XYZ color 18.2902, 24.8862, 37.0972.

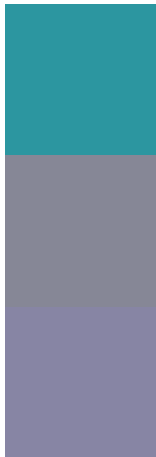


This preview shows how white text looks on a background with the XYZ color 18.2902, 24.8862,

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

18.2902, 24.8862, 37.0972

Protanopia

24.0005, 24.5983, 32.3371

Deuteranopia

25.0800, 24.6063, 38.5496



Tritanopia

18.5101, 24.9792, 38.0283

Trichromacy



Original Color

18.2902, 24.8862, 37.0972

Protanomaly

20.5776, 23.8560, 34.0920

Deuteranomaly

21.3230, 23.9344, 38.1463

Tritanomaly

18.4216, 24.9438, 37.5619

Monochromacy



Original Color

18.2902, 24.8862, 37.0972

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.6993, 19.9618, 25.5271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2902, 24.8862, 37.0972 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(44, 150, 160)` looks like.

```
.text, #text, p{  
    color:rgb(44, 150, 160)  
}
```

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(44, 150, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 150, 160) }
```

Border

The CSS property to change the border of an element to XYZ 18.2902, 24.8862, 37.0972 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(44, 150, 160) }
```


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

```
.border{ border-color:rgb(44, 150, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 150, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 150, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 150, 160);  
box-shadow:4px 4px 4px 4px rgb(44, 150,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2902, 24.8862, 37.0972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 150, 160) }
```

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

```
.background{ background-color: rgb(44, 150,  
160) }
```

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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