

Converting Colors

XYZ(15.3251, 22.6777, 28.5323)

Have a look what the booklet for
XYZ(15.3251, 22.6777, 28.5323)
contains.

XYZ(15.2437, 22.5704, 28.3640)	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(15.2437, 22.5704,
28.3640)**

Conversions

Conversions Part 1

Format	Color
Hex	11928C
RGB	17, 146, 140
RGB Percent	7%, 57%, 55%
CMY	0.9333, 0.4274, 0.4510
CMYK	0.88, 0.00, 0.04, 0.43
HSL	177°, 79%, 32%
HSV	177°, 88%, 57%
XYZ	15.2437, 22.5704, 28.3640
YIQ	106.7450, -74.9580, -29.2140

Conversions

Conversions Part 2

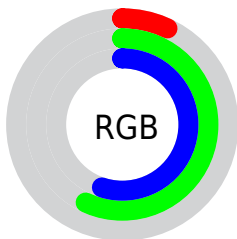
Format	Color
R_{YB}	17, 83, 146
Decimal	1151628
CIE _{Lab}	54.63, -32.77, -5.96
CIE _{LCh}	55, 33.308, 190.310
Yxy	22.5704, 0.2303, 0.3411
Android (android.graphics.Color)	4279341708 (0xFF11928C)
YUV	106.7450, 16.3947, -78.7064
Hunter-Lab	47.5083, -25.8654, -2.1422

Details

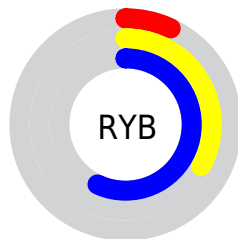
The XYZ color **15.2437, 22.5704, 28.3640** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **12.2100, 6.5745, 1.4370**, and the grayscale version is **13.8771, 14.5998, 15.8992**.

A 20% lighter version of the original color is **34.9259, 47.8989, 57.8567**, and **5.9377, 8.9226, 11.0821** is the 20% darker color. If you saturate the color by 10%, you get **14.9932, 22.4475, 28.0921**, and if you desaturate by 10%, it is **15.6470, 22.7730, 28.6457**.

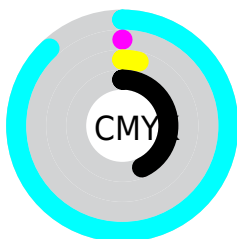
Distribution



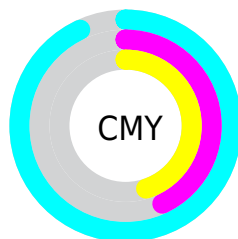
- Red (7%)
- Green (57%)
- Blue (55%)



- Red (7%)
- Yellow (33%)
- Blue (57%)



- Cyan (88%)
- Magenta (0%)
- Yellow (4%)
- Black (43%)



- Cyan (93%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2437, 22.5704, 28.3640 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 15.2437, 22.5704, 28.3640 by changing the saturation by 10% instead.

■ 15.2437, 22.5704,
28.3640

■ 15.2437, 22.5704,
28.3640

■ 218.1958,
265.5107, 308.1687

■ 9.0780, 14.2766,
18.3588

■ 34.8483, 47.6870,
58.0951

■ 4.8496, 8.3133,
11.0358

■ 49.0179, 65.2785,
78.6582

■ 2.1932, 4.2961,
5.9764

■ 66.5863, 86.7381,
103.5775

■ 0.7391, 1.8405,
2.7622

■ 87.9186, 112.4502,
133.2718

■ 0.0000, 0.5122,
0.9745

■ 113.3804,
142.7991, 168.1595

■ 0.0000, 0.0000,
0.0000

■ 143.3370,

178.1692, 208.6592

178.1537,
218.9450, 255.1894

■ 15.2437, 22.5704,
28.3640

■ 15.2437, 22.5704,
28.3640

■ 14.9932, 22.4475,
28.0921

■ 15.6470, 22.7730,
28.6457

■ 14.9547, 22.4287,
28.0473

■ 16.2502, 23.0781,
28.9378

■ 17.0778, 23.4989,
29.2421

■ 18.1502, 24.0458,
29.5595

■ 19.4854, 24.7282,
29.8908

■ 21.1000, 25.5545,
30.2367

■ 23.0089, 26.5326,
30.5981

■ 25.2262, 27.6696,
30.9756

■ 27.7649, 28.9723,
31.3697

Harmonies

Analogous

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



15.4823, 22.5704, 18.3876



15.2437, 22.5704, 28.3640



16.5185, 22.5704, 40.0659

Triad

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



15.2437, 22.5704, 28.3640



26.3378, 22.5704, 43.3838



23.9135, 22.5704, 10.0584

Complementary

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



15.2437, 22.5704, 28.3640



12.2100, 6.5745, 1.4370

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.



27.2825, 22.5704, 13.7018



15.2437, 22.5704, 28.3640



28.7886, 22.5704, 32.0155

Square

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



15.2437, 22.5704, 28.3640



22.7375, 22.5704, 50.2343



29.1528, 22.5704, 21.1400



20.2168, 22.5704, 9.5951

Rectangle

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



15.2437, 22.5704, 28.3640



18.1504, 22.5704, 46.5865



29.1528, 22.5704, 21.1400



25.1326, 22.5704, 10.8897

Sweetspot

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



15.2444, 22.5712, 28.3645



37.4712, 45.2075, 53.3892



10.7446, 20.7867, 3.9769



8.1319, 9.9524, 11.8356



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.2444, 22.5712, 28.3645



26.3632, 39.5583, 49.3836



8.9062, 9.1673, 28.4951



5.9526, 6.5576, 7.3612



13.1621, 19.7376, 24.6931



0.1640, 0.2427, 0.3175

Inverse Universe

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



12.2100, 6.5745, 1.4370



20.9600, 10.7997, 1.2320



14.4759, 11.1920, 1.9283



5.8111, 5.8195, 6.1113



10.4668, 5.3918, 0.6730



0.1303, 0.0669, 0.0197

Previews

White Background



This preview shows how the XYZ color 15.2437, 22.5704, 28.3640 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 15.2437, 22.5704, 28.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

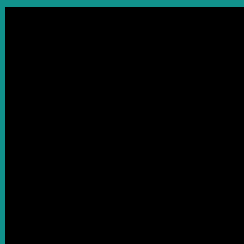
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.2437, 22.5704, 28.3640

Background



This preview shows how black text looks on a background with the XYZ color 15.2437, 22.5704, 28.3640.



This preview shows how white text looks on a background with the XYZ color 15.2437, 22.5704,

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

15.2437, 22.5704, 28.3640

Protanopia

21.3952, 22.2178, 24.2799

Deuteranopia

22.6482, 22.1696, 29.4710



Tritanopia

16.5828, 22.6704, 34.5122

Trichromacy



Original Color

15.2437, 22.5704, 28.3640

Protanomaly

17.1835, 21.2228, 25.7450

Deuteranomaly

17.8597, 21.0854, 29.1152

Tritanomaly

16.1093, 22.6997, 32.3866

Monochromacy



Original Color

15.2437, 22.5704, 28.3640

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

12.9912, 16.4625, 19.9456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2437, 22.5704, 28.3640 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(17, 146, 140)` looks like.

```
.text, #text, p{  
    color:rgb(17, 146, 140)  
}
```

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(17, 146, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 146, 140) }
```

Border

The CSS property to change the border of an element to XYZ 15.2437, 22.5704, 28.3640 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(17, 146, 140) }
```


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

```
.border{ border-color:rgb(17, 146, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 146, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 146, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 146, 140);  
box-shadow:4px 4px 4px 4px rgb(17, 146,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2437, 22.5704, 28.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 146, 140) }
```

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

```
.background{ background-color: rgb(17, 146,  
140) }
```

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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