

Converting Colors

XYZ(17.2336, 23.9154, 15.2075)

Have a look what the booklet for
XYZ(17.2336, 23.9154, 15.2075)
contains.

XYZ(17.2028, 23.8725, 15.2564)	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(17.2028, 23.8725,
15.2564)**

Conversions

Conversions Part 1

Format	Color
Hex	5F9262
RGB	95, 146, 98
RGB Percent	37%, 57%, 38%
CMY	0.6274, 0.4274, 0.6157
CMYK	0.35, 0.00, 0.33, 0.43
HSL	124°, 21%, 47%
HSV	124°, 35%, 57%
XYZ	17.2028, 23.8725, 15.2564
YIQ	125.2790, -14.9880, -25.7400

Conversions

Conversions Part 2

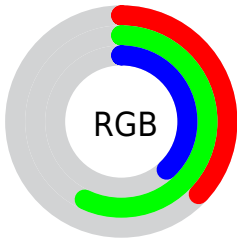
Format	Color
R_{YB}	95, 143, 146
Decimal	6263394
CIE _{Lab}	55.96, -27.34, 20.19
CIE _{LCh}	56, 33.990, 143.558
Yxy	23.8725, 0.3054, 0.4238
Android (android.graphics.Color)	4284453474 (0xFF5F9262)
YUV	125.2790, -13.4485, -26.5547
Hunter-Lab	48.8595, -22.6566, 15.6883

Details

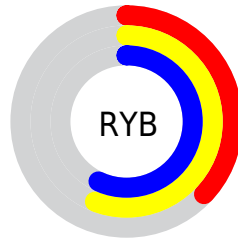
The XYZ color **17.2028, 23.8725, 15.2564** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.9050, 16.2791, 28.0280**, and the grayscale version is **19.6351, 20.6577, 22.4962**.

A 20% lighter version of the original color is **38.1117, 49.6815, 36.0146**, and **5.7719, 8.9813, 4.5613** is the 20% darker color. If you saturate the color by 10%, you get **15.2320, 22.9258, 12.0633**, and if you desaturate by 10%, it is **19.5706, 25.0123, 19.0506**.

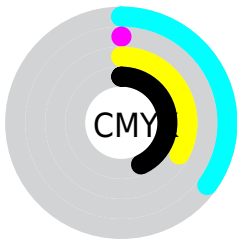
Distribution



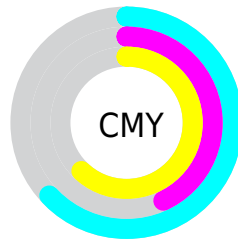
- Red (37%)
- Green (57%)
- Blue (38%)



- Red (37%)
- Yellow (56%)
- Blue (57%)



- Cyan (35%)
- Magenta (0%)
- Yellow (33%)
- Black (43%)



- Cyan (63%)
- Magenta (43%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2028, 23.8725, 15.2564 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 17.2028, 23.8725, 15.2564 by changing the saturation by 10% instead.

■ 17.2028, 23.8725,
15.2564

■ 17.2028, 23.8725,
15.2564

229.4719,
272.1752, 236.6069

■ 10.4754, 15.2391,
8.8509

■ 38.2150, 49.8221,
36.0510

■ 5.7799, 8.9873,
4.5486

■ 53.2304, 67.9070,
51.2772

■ 2.7511, 4.7329,
1.9309

■ 71.7393, 89.9112,
70.2807

■ 1.0236, 2.0914,
0.5123

■ 94.1069, 116.2191,
93.4801

■ 0.0000, 0.6598,
0.0000

120.6986,
147.2150, 121.2938

■ 0.0000, 0.0000,
0.0000

151.8797,

183.2834, 154.1405

188.0157,
224.8087, 192.4387

■ 17.2028, 23.8725,
15.2564

■ 17.2028, 23.8725,
15.2564

■ 15.2320, 22.9258,
12.0633

■ 19.5706, 25.0123,
19.0506

■ 13.6346, 22.1588,
9.4390

■ 22.3533, 26.3519,
23.4728

■ 12.3877, 21.5609,
7.3506


■ 25.5704, 27.9013,
28.5503


■ 11.4647, 21.1193,
5.7611


■ 29.2393, 29.6690,
34.3082


■ 10.8356, 20.8194,
4.6290

■ 33.3764, 31.6630,
40.7703


 10.4622, 20.6425,
3.9059

 37.9975, 33.8910,
47.9594

 10.3264, 20.5775,
3.6743

 43.1175, 36.3601,
55.8970

 48.7509, 39.0772,
64.6040

 54.9112, 42.0492,
74.1002

Harmonies

Analogous

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



19.8374, 23.8725, 10.9166



17.2028, 23.8725, 15.2564



16.0557, 23.8725, 23.6693

Triad

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



17.2028, 23.8725, 15.2564



21.8635, 23.8725, 53.5244



30.2376, 23.8725, 18.3555

Complementary

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



17.2028, 23.8725, 15.2564



20.9050, 16.2791, 28.0280

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.



30.9388, 23.8725, 28.4643



17.2028, 23.8725, 15.2564



25.8039, 23.8725, 50.9048

Square

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



17.2028, 23.8725, 15.2564



18.5414, 23.8725, 47.2445



29.2354, 23.8725, 40.8598



27.4156, 23.8725, 12.3167

Rectangle

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



17.2028, 23.8725, 15.2564



16.1837, 23.8725, 31.3299



29.2354, 23.8725, 40.8598



30.7415, 23.8725, 21.2996

Sweetspot

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



17.2034, 23.8735, 15.2569



42.0189, 47.7314, 45.4966



23.7512, 27.2651, 14.8375



9.1919, 10.5434, 9.8754



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.



17.2034, 23.8735, 15.2569



27.5383, 40.7632, 22.3687



18.5772, 24.4230, 22.4910



5.7426, 6.4736, 6.2555



9.0899, 18.1087, 3.2489



0.1140, 0.2227, 0.0542

Inverse Universe

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



20.9050, 16.2791, 28.0280



35.0839, 25.2754, 48.3975



19.2140, 15.6027, 19.1235



6.0207, 5.9034, 7.2154



14.4341, 6.9787, 21.5645



0.1803, 0.0869, 0.2829

Previews

White Background



This preview shows how the XYZ color 17.2028, 23.8725, 15.2564 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 17.2028, 23.8725, 15.2564 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 17.2028, 23.8725, 15.2564

Background



This preview shows how black text looks on a background with the XYZ color 17.2028, 23.8725, 15.2564.



This preview shows how white text looks on a background with the XYZ color 17.2028, 23.8725,

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

17.2028, 23.8725, 15.2564

Protanopia

21.8649, 23.4947, 13.7384

Deuteranopia

24.0221, 23.5658, 15.8529



Tritanopia

20.6442, 23.7029, 32.7652

Trichromacy



Original Color

17.2028, 23.8725, 15.2564

Protanomaly

19.7582, 23.4388, 14.3092

Deuteranomaly

20.8445, 23.3359, 15.7176

Tritanomaly

19.2047, 23.7786, 25.4073

Monochromacy



Original Color

17.2028, 23.8725, 15.2564

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.4215, 21.5903, 19.4161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2028, 23.8725, 15.2564 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(95, 146, 98)` looks like.

```
.text, #text, p{  
    color:rgb(95, 146, 98)  
}
```

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(95, 146, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 146, 98) }
```

Border

The CSS property to change the border of an element to XYZ 17.2028, 23.8725, 15.2564 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(95, 146, 98) }
```


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

```
.border{ border-color:rgb(95, 146, 98) }
```

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

Here you see how a box with a 4 pixel rgb(95, 146, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 146, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 146, 98);  
box-shadow:4px 4px 4px 4px rgb(95, 146,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2028, 23.8725, 15.2564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 146, 98) }
```

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

```
.background{ background-color: rgb(95, 146,  
98) }
```

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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