

Converting Colors

XYZ(9.1452, 12.1830, 17.8380)

Have a look what the booklet for
XYZ(9.1452, 12.1830, 17.8380)
contains.

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Color

**XYZ(9.1317, 12.1616,
17.7857)**

Conversions

Conversions Part 1

Format	Color
Hex	276B72
RGB	39, 107, 114
RGB Percent	15%, 42%, 45%
CMY	0.8470, 0.5804, 0.5529
CMYK	0.66, 0.06, 0.00, 0.55
HSL	186°, 49%, 30%
HSV	186°, 66%, 45%
XYZ	9.1317, 12.1616, 17.7857
YIQ	87.4660, -42.7750, -12.2390

Conversions

Conversions Part 2

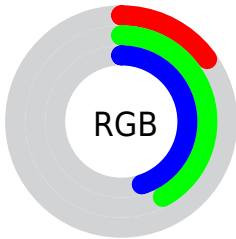
Format	Color
R_{YB}	39, 75, 114
Decimal	2583410
CIE _{Lab}	41.47, -18.72, -10.24
CIE _{LCh}	41, 21.338, 208.677
Yxy	12.1616, 0.2337, 0.3112
Android (android.graphics.Color)	4280773490 (0xFF276B72)
YUV	87.4660, 13.0813, -42.5047
Hunter-Lab	34.8735, -14.2880, -5.8268




Details

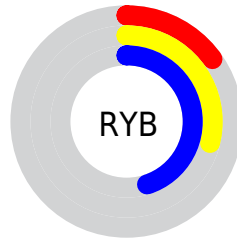
The XYZ color **9.1317, 12.1616, 17.7857** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.2830, 5.6784, 2.5795**, and the grayscale version is **9.1394, 9.6154, 10.4711**.




A 20% lighter version of the original color is **23.8972, 29.9291, 40.5938**, and **2.5473, 3.5213, 5.6997** is the 20% darker color. If you saturate the color by 10%, you get **8.6531, 11.7515, 17.7320**, and if you desaturate by 10%, it is **9.7423, 12.6423, 17.8465**.

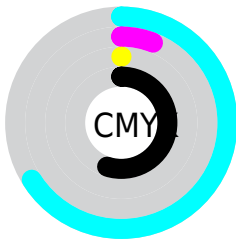
Distribution







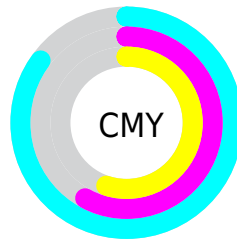
-  Red (15%)
-  Green (42%)
-  Blue (45%)






-  Red (15%)
-  Yellow (29%)
-  Blue (45%)



-  Cyan (66%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (85%)
-  Magenta (58%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.1317, 12.1616, 17.7857 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 9.1317, 12.1616, 17.7857 by changing the saturation by 10% instead.

■ 9.1317, 12.1616,
17.7857

■ 9.1317, 12.1616,
17.7857

178.5437,
205.4722, 251.8558

■ 4.8850, 6.8538,
10.6284

■ 23.8137, 29.7891,
40.4808

■ 2.2140, 3.3709,
5.7065

■ 34.9798, 42.8776,
56.8557

■ 0.7501, 1.3283,
2.6016

■ 49.1830, 59.3285,
77.1402

■ 0.0000, 0.1629,
0.8933

■ 66.7887, 79.5261,
101.7529

■ 0.0000, 0.0000,
0.0000

■ 88.1622, 103.8549,
131.1122

■ 113.6690,

132.6993, 165.6368

143.6744,
166.4436, 205.7451

■ 9.1317, 12.1616,
17.7857

■ 9.1317, 12.1616,
17.7857

■ 8.6531, 11.7515,
17.7320

■ 9.7423, 12.6423,
17.8465

■ 8.2932, 11.4043,
17.6839

■ 10.4942, 13.1977,
17.9141

■ 8.0286, 11.1082,
17.6407

■ 11.3974, 13.8331,
17.9891

■ 7.9235, 10.9874,
17.6230

■ 12.4605, 14.5530,
18.0721

■ 13.6915, 15.3614,
18.1632

■ 15.0979, 16.2624,
18.2630

■ 16.6867, 17.2594,
18.3717

■ 18.4644, 18.3560,
18.4897

■ 20.4374, 19.5553,
18.6172

Harmonies

Analogous

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



8.8228, 12.1616, 13.0453



9.1317, 12.1616, 17.7857



10.0749, 12.1616, 21.9762

Triad

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



9.1317, 12.1616, 17.7857



14.3032, 12.1616, 18.2055



11.6284, 12.1616, 6.3988

Complementary

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



9.1317, 12.1616, 17.7857



8.2830, 5.6784, 2.5795

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.



13.1826, 12.1616, 7.1961



9.1317, 12.1616, 17.7857



14.8099, 12.1616, 13.4405

Square

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



9.1317, 12.1616, 17.7857



13.0526, 12.1616, 22.2543



14.3828, 12.1616, 9.5465



10.1843, 12.1616, 7.0654

Rectangle

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



9.1317, 12.1616, 17.7857



10.9826, 12.1616, 23.5256



14.3828, 12.1616, 9.5465



12.1557, 12.1616, 6.5004

Sweetspot

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



9.1321, 12.1621, 17.7860



22.9988, 26.3023, 31.8402



7.3329, 12.6577, 4.5652



5.2129, 6.0131, 7.3556



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



9.1321, 12.1621, 17.7860



14.8492, 20.3171, 31.1145



6.0803, 6.0585, 16.7687



3.4497, 3.7646, 4.2990



8.8140, 12.2182, 19.6154



43.5694, 60.1907, 97.6008

Inverse Universe

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



10.3192, 6.0905, 14.5420



17.2012, 9.0756, 24.5103



10.3802, 9.8728, 3.2785



3.5016, 3.4484, 4.1683



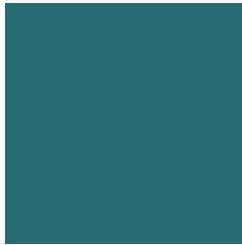
10.4672, 5.0793, 14.8021



51.9718, 25.2340, 72.8408

Previews

White Background



This preview shows how the XYZ color 9.1317, 12.1616, 17.7857 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 9.1317, 12.1616, 17.7857 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

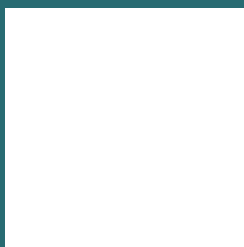
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 9.1317, 12.1616, 17.7857

Background



This preview shows how black text looks on a background with the XYZ color 9.1317, 12.1616, 17.7857.



This preview shows how white text looks on a background with the XYZ color 9.1317, 12.1616,

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

9.1317, 12.1616, 17.7857

Protanopia

11.7524, 12.0977, 15.6256

Deuteranopia

12.2329, 12.0102, 18.5031



Tritanopia

9.2273, 12.2043, 18.0890

Trichromacy



Original Color

9.1317, 12.1616, 17.7857

Protanomaly

10.3698, 11.9290, 16.5078

Deuteranomaly

10.5947, 11.7211, 18.2270

Tritanomaly

9.2273, 12.2043, 18.0890

Monochromacy



Original Color

9.1317, 12.1616, 17.7857

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

8.6862, 10.1706, 12.8146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.1317, 12.1616, 17.7857 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(39, 107, 114)` looks like.

```
.text, #text, p{  
    color:rgb(39, 107, 114)  
}
```

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(39, 107, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 107, 114) }
```

Border

The CSS property to change the border of an element to XYZ 9.1317, 12.1616, 17.7857 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(39, 107, 114) }
```


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

```
.border{ border-color:rgb(39, 107, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 107, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 107, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 107, 114);  
box-shadow:4px 4px 4px 4px rgb(39, 107,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 9.1317, 12.1616, 17.7857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 107, 114) }
```

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

```
.background{ background-color: rgb(39, 107,  
114) }
```

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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