

Converting Colors

XYZ(20.7283, 11.2443, 1.5760)

Have a look what the booklet for
XYZ(20.7283, 11.2443, 1.5760)
contains.

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Color

**XYZ(20.7352, 11.2604,
1.5708)**

Conversions

Conversions Part 1

Format	Color
Hex	BA1B10
RGB	186, 27, 16
RGB Percent	73%, 11%, 6%
CMY	0.2706, 0.8941, 0.9373
CMYK	0.00, 0.85, 0.91, 0.27
HSL	4°, 84%, 40%
HSV	4°, 91%, 73%
XYZ	20.7352, 11.2604, 1.5708
YIQ	73.2870, 98.2950, 30.2870

Conversions

Conversions Part 2

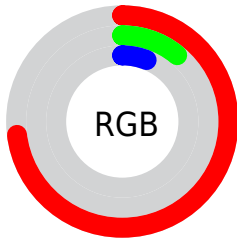
Format	Color
RYB	186, 28, 16
Decimal	12196624
CIELab	40.02, 59.55, 47.89
CIElCh	40, 76.417, 38.807
Yxy	11.2604, 0.6177, 0.3355
Android (android.graphics.Color)	4290386704 (0xFFBA1B10)
YUV	73.2870, -28.2425, 98.8493
Hunter-Lab	33.5565, 51.5746, 20.7142

Details

The XYZ color **20.7352, 11.2604, 1.5708** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **24.4032, 34.3085, 51.7901**, and the grayscale version is **6.4205, 6.7548, 7.3560**.

A 20% lighter version of the original color is **44.0626, 28.1650, 7.8167**, and **8.1684, 4.2110, 0.3823** is the 20% darker color. If you saturate the color by 10%, you get **20.3817, 10.7033, 0.9917**, and if you desaturate by 10%, it is **21.4632, 12.3902, 2.8195**.

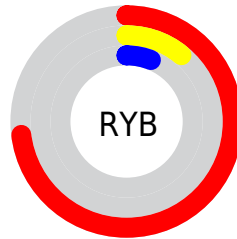
Distribution



Red (73%)

Green (11%)

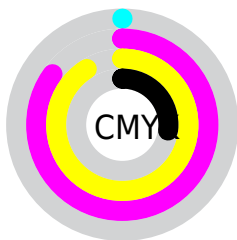
Blue (6%)



Red (73%)

Yellow (11%)

Blue (6%)

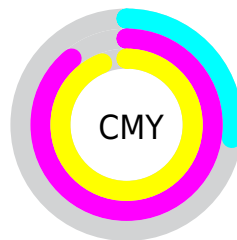


Cyan (0%)

Magenta (85%)

Yellow (91%)

Black (27%)



Cyan (27%)


Magenta (89%)


Yellow (94%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7352, 11.2604, 1.5708 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 20.7352, 11.2604, 1.5708 by changing the saturation by 10% instead.


 20.7352, 11.2604,
1.5708


 20.7352, 11.2604,
1.5708


 248.6263,
199.4454, 115.3095


 13.0419, 6.2423,
0.2699


 44.1410, 28.1407,
7.8302

 7.5346, 2.9929,
0.0000


 60.5843, 40.7716,
13.7791

 3.8479, 1.1281,
0.0000

 80.6749, 56.7090,
22.1656

 1.6165, 0.0017,
0.0000

 104.7783, 76.3371,
33.4081


 0.4031, 0.0000,
0.0000


 133.2598,
100.0404, 47.9252


 0.0000, 0.0000,
0.0000


 166.4847,


128.2033, 66.1354


 204.8184,
161.2102, 88.4574


 20.7352, 11.2604,
1.5708


 20.7352, 11.2604,
1.5708


 20.3817, 10.7033,
0.9917

 21.4632, 12.3902,
2.8195

 22.6089, 14.1222,
4.9266

 24.2233, 16.5253,
8.0098

 26.3495, 19.6589,
12.1682

 29.0261, 23.5756,
17.4887

■ 32.2876, 28.3232,
24.0495

■ 36.1660, 33.9457,
31.9218

■ 40.6907, 40.4840,
41.1715

■ 45.8895, 47.9765,
51.8600

Harmonies

Analogous

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



24.2133, 11.2604, 8.3225



20.7352, 11.2604, 1.5708



14.8127, 11.2604, 0.0000

Triad

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



20.7352, 11.2604, 1.5708



3.7487, 11.2604, 4.4621



12.3353, 11.2604, 69.3705

Complementary

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



20.7352, 11.2604, 1.5708



24.4032, 34.3085, 51.7901

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.



7.4333, 11.2604, 64.3375



20.7352, 11.2604, 1.5708



3.4738, 11.2604, 17.2785

Square

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



20.7352, 11.2604, 1.5708



5.5137, 11.2604, 0.6602



4.5763, 11.2604, 41.0395



18.4181, 11.2604, 51.7974

Rectangle

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



20.7352, 11.2604, 1.5708



10.9156, 11.2604, 0.0000



4.5763, 11.2604, 41.0395



10.4926, 11.2604, 70.4457

Sweetspot

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



20.7354, 11.2611, 1.5710



61.1643, 55.1704, 48.9379



28.4206, 14.0039, 43.0616



12.9626, 11.4139, 9.7506



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.



20.7354, 11.2611, 1.5710



36.8847, 19.2832, 1.7780



25.8652, 21.5207, 3.2809



9.0501, 9.1032, 9.3870



13.7328, 7.2419, 0.6740



0.5000, 0.2870, 0.0291

Inverse Universe

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



24.4032, 34.3085, 51.7901



43.4110, 61.1186, 93.7105



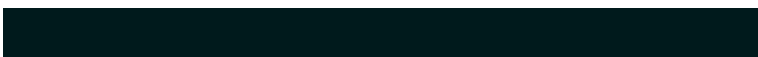
12.9472, 11.3965, 47.9715



9.2155, 10.1083, 11.5448



16.1600, 22.7797, 34.7983



0.5848, 0.8332, 1.2318

Previews

White Background



This preview shows how the XYZ color 20.7352, 11.2604, 1.5708 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 20.7352, 11.2604, 1.5708 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 20.7352, 11.2604, 1.5708

Background



This preview shows how black text looks on a background with the XYZ color 20.7352, 11.2604, 1.5708.



This preview shows how white text looks on a background with the XYZ color 20.7352, 11.2604,

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

20.7352, 11.2604, 1.5708

Protanopia

10.4936, 11.5905, 2.9804

Deuteranopia

11.6262, 11.5471, 1.6160



Tritanopia

20.7737, 11.2398, 1.8852

Trichromacy



Original Color

20.7352, 11.2604, 1.5708

Protanomaly

12.5930, 9.8153, 2.2081

Deuteranomaly

13.7770, 10.1671, 1.4086

Tritanomaly

20.7454, 11.2284, 1.7357

Monochromacy



Original Color

20.7352, 11.2604, 1.5708

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

8.9734, 6.6537, 4.0601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7352, 11.2604, 1.5708 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, 27, 16)` looks like.

```
.text, #text, p{  
    color:rgb(186, 27, 16)  
}
```

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, 27, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 27, 16) }
```

Border

The CSS property to change the border of an element to XYZ 20.7352, 11.2604, 1.5708 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, 27, 16) }
```


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

```
.border{ border-color:rgb(186, 27, 16) }
```

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

Here you see how a box with a 4 pixel rgb(186, 27, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 27, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 27, 16);  
box-shadow:4px 4px 4px 4px rgb(186, 27,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7352, 11.2604, 1.5708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 27, 16) }
```

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

```
.background{ background-color: rgb(186, 27,  
16) }
```

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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